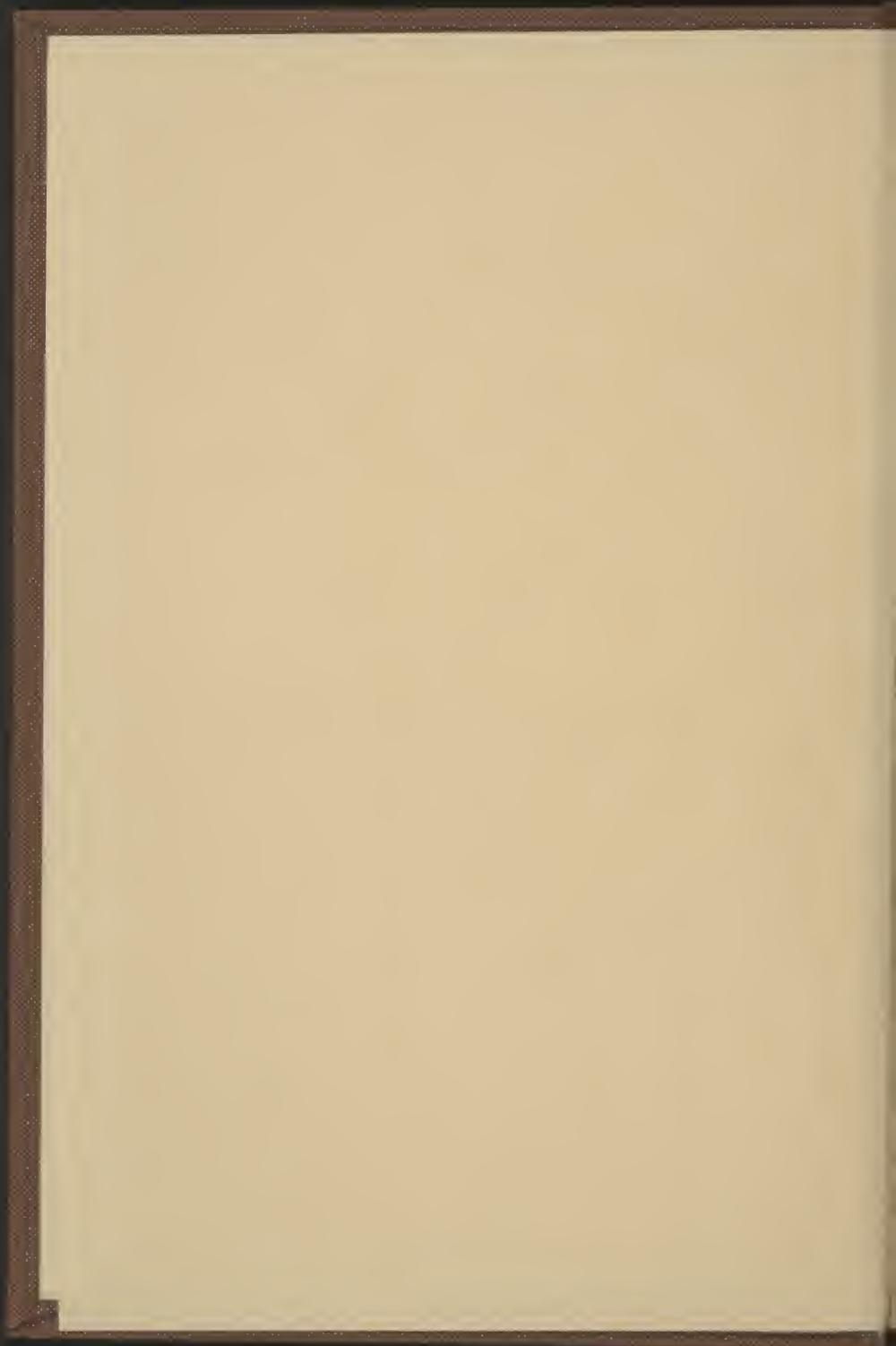
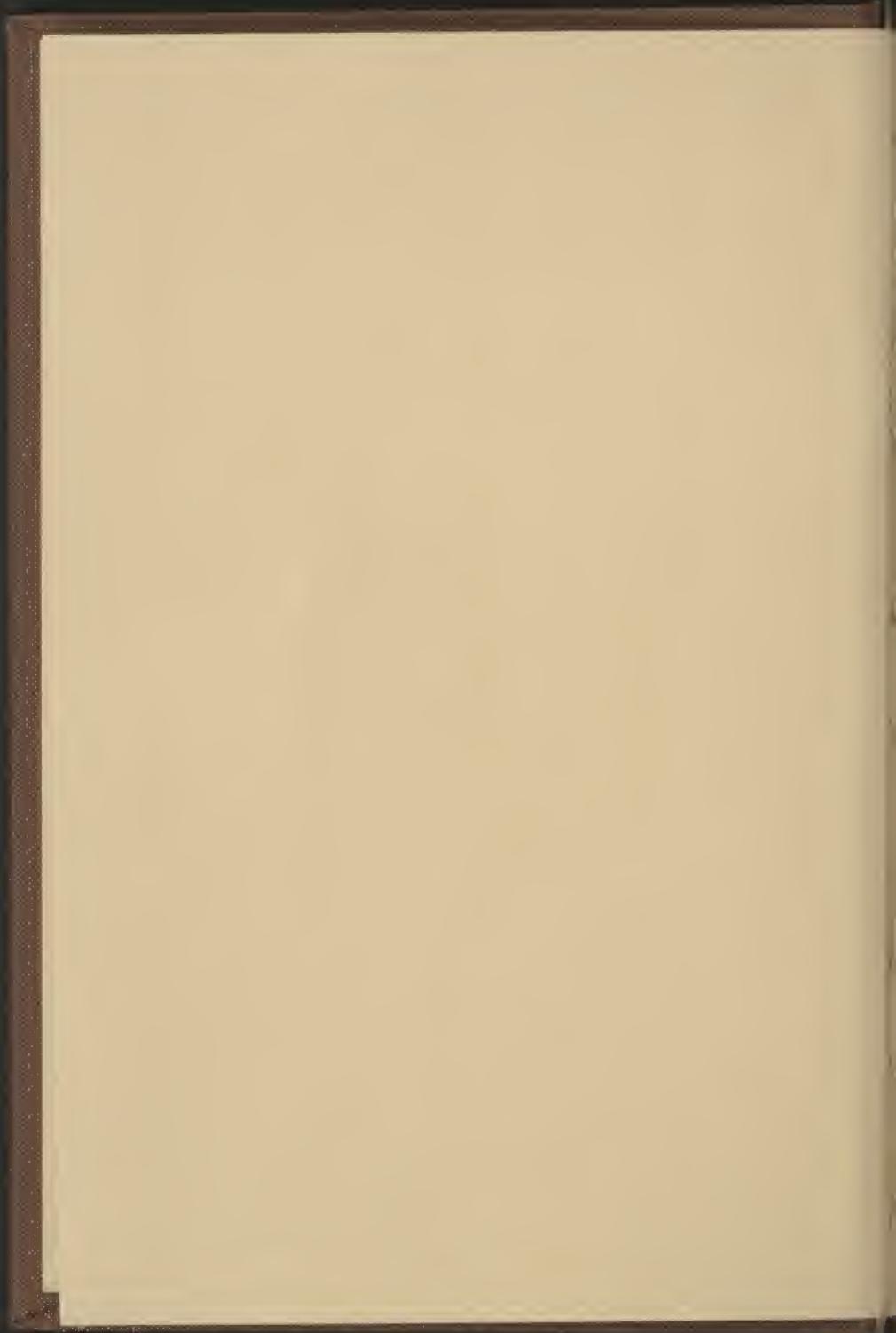
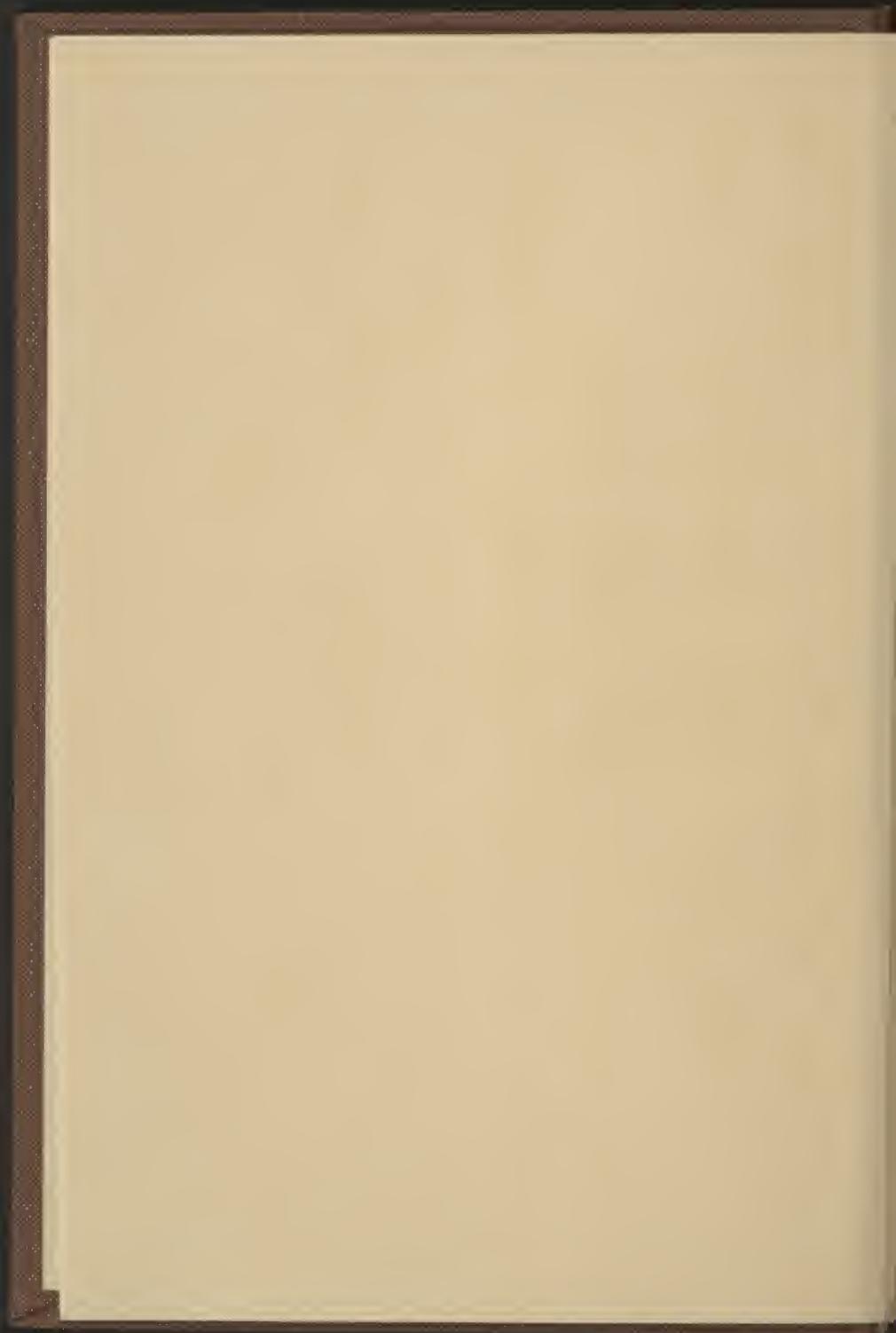


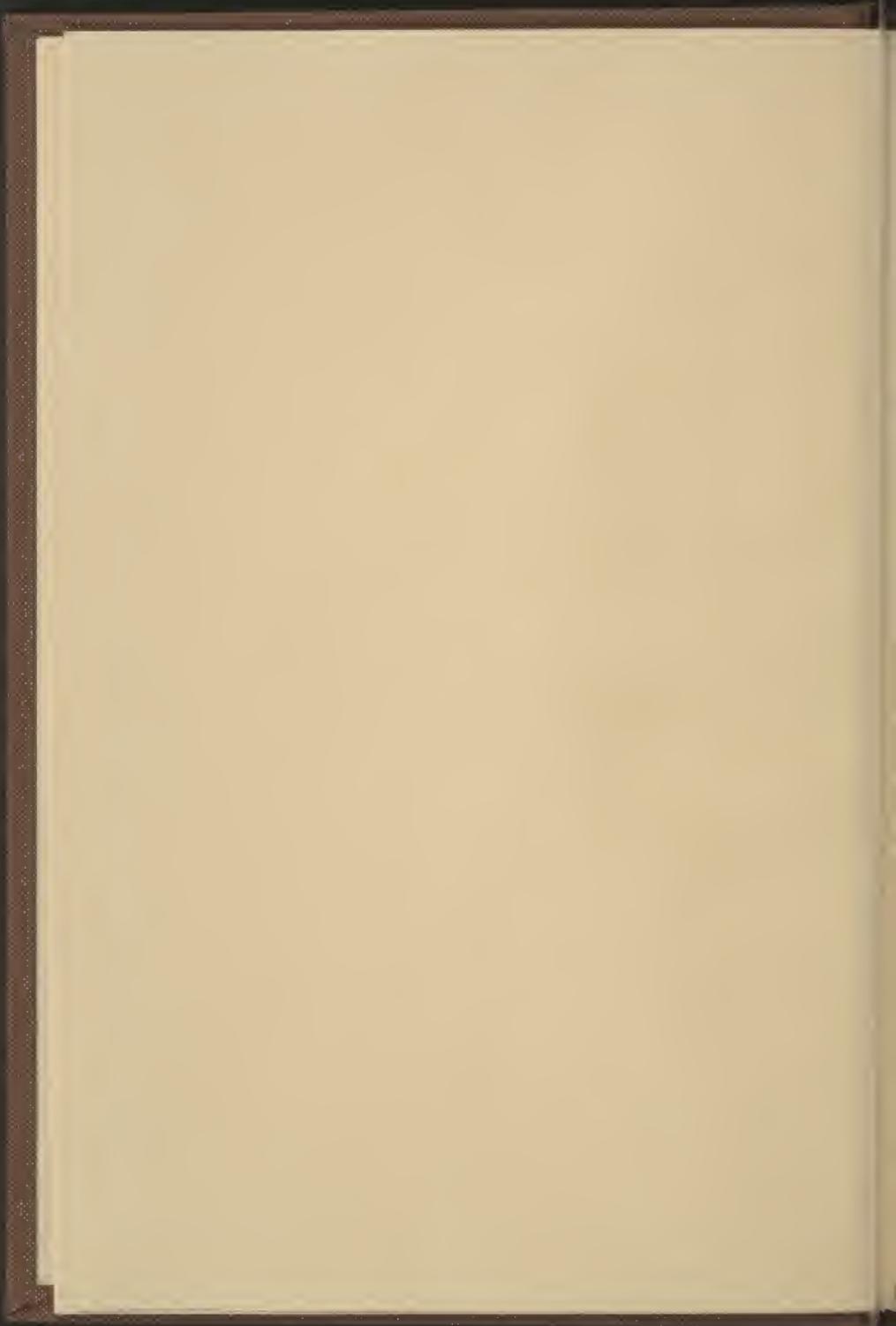
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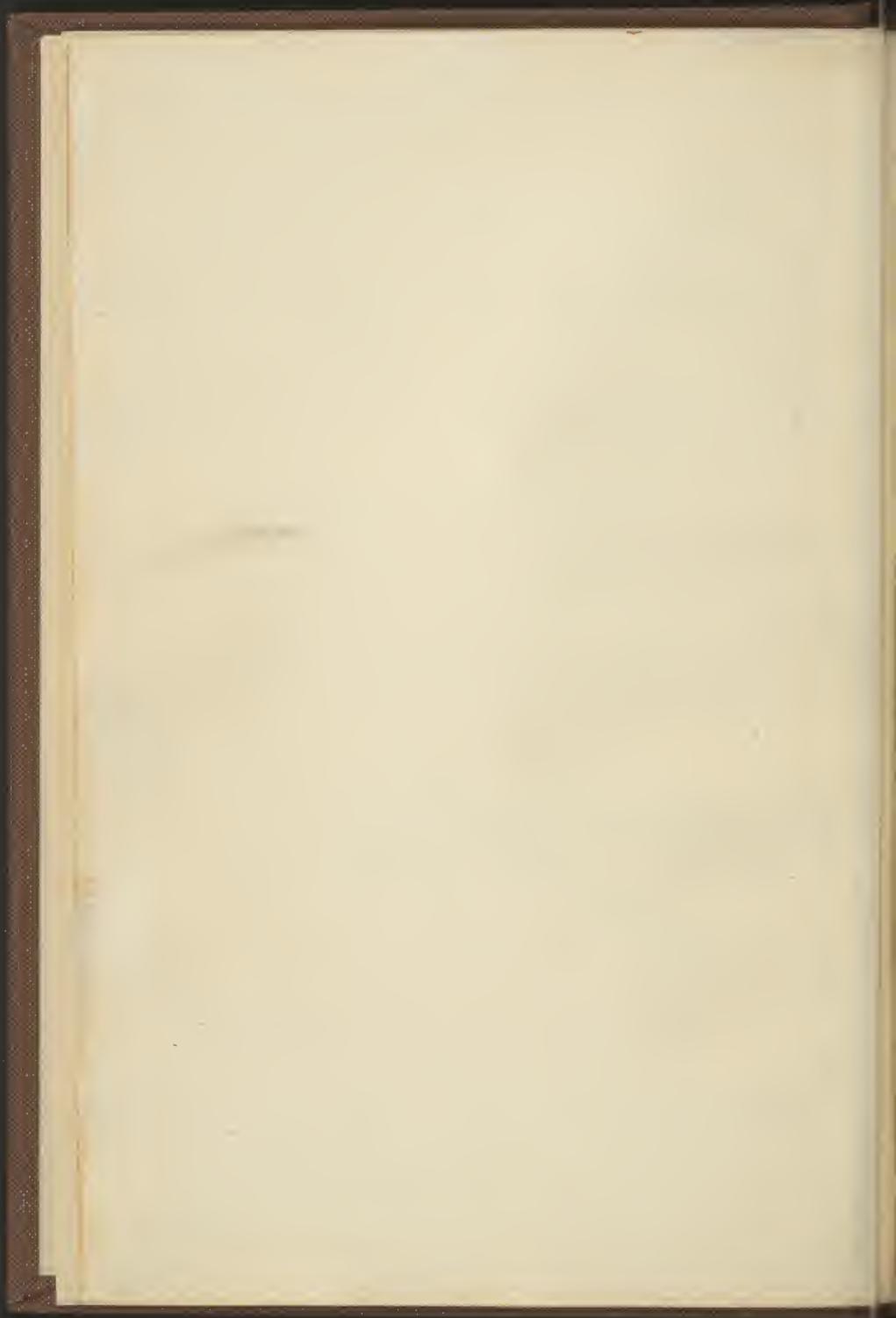
standard methods are in
use - (see Part I)

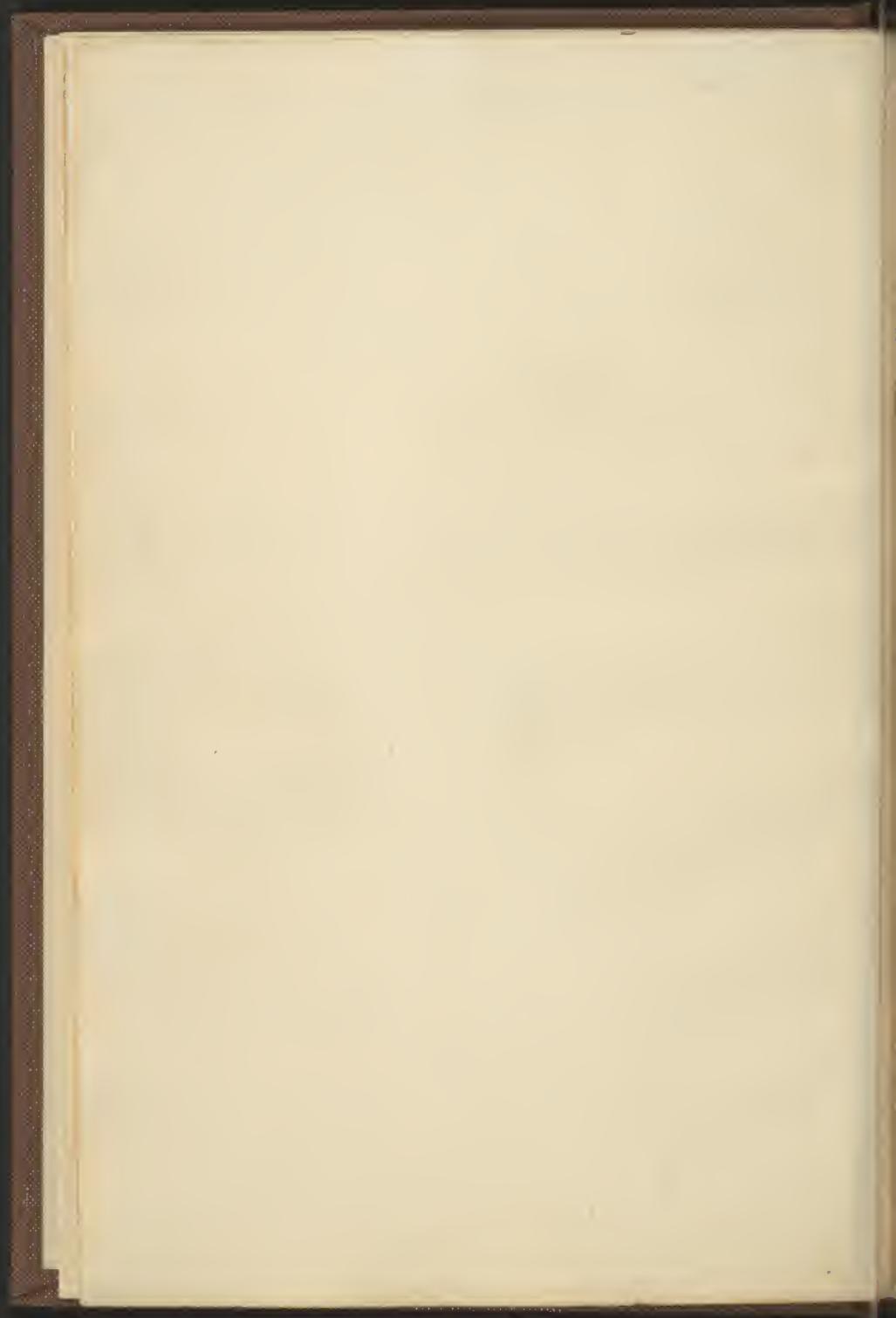
Standard form of table
standardized and standard table
standard form methods reliable
new one - and best by 30 days
in 30 days standard method
standard

30 days
30 days
30 days

showing change in last month
standard method
standard method

Comparing with
Dr. Dress's ^{standard} _{method}
Dr. Dress's ^{standard} _{method}





#7, 1

Solanum nigrum

often mistaken (for *Conium*) for *Atropa Belladonna*. Smell & tasteaceous
Moderately narcotic ^{or} narcotic
powers are very variable ^{from cases} different & diff.
Dissolvent also *Gr.*, diaphoretic
diuretic (more so than *Conium*)
carminative slightly

Used to be found a useful in diary
and a sedative - but said to require to be
done freely.

Much used by the common people
in ointments, (with leaves) for dandruff, ^{ulcers, etc.} & ^{etc.} &c.

In mild cases Prof. T. has often
found it answers as well or better than
Conium. It is not worth while to use
a common bell. & fly. ^{Med. dose 2 dr.} ^{ct. of 1/2 oz. of tuber}
but in cases of ^{etc.} it think this is effectual ⁱⁿ 3 drs.

Solanum tuberosum

Native in Peru - the tubers of the wild plant
are as small as a nutmeg & bitter & mean-
ingless. Root s't be preserved perfectly, as it
will

Top only is used in medicine
This is too weak to be used in a infusion or

4.

decoction of a berry extract is capable of slightly aromatic & deobstinate
Purpura, diarrhoea & chylorrhoea
It will relieve some atonic & clamminat-
tive & cutaneous diseases.

It has been used principally for pain-
ful & dry. concocted with the rice
box laid to the 2 gal. Proof 5. going

to 67.

Recommended in Cough - when a-
cute - Hemorrhage. Virginia pectoris
sc. ~~other~~ and

Other pushed too far it produces
more or less symptoms of phrenosis

Most of the arrows root is
made from potato roots and if suf-
ficient care is taken to purify it from
parasite - it does as well.

Activity of the root following
artil ^{is a subject of disputed} ^{activity}
clavaria & ulcamara

Posses the same uses bals. of former
of the S. tab. & S. nigr. bleed in
various affections. Act on the ex-
cretion generally as well as that of the

Digitalis purpurea

Native of England

Nat. ord. Scrophulariace

Leaves used (stripping from the midrib)

Leaves good only while of a light green colour. When black they are worthless for medicine. (No particular odour)

No good analysis has been made

of *digitatin* (cristallized) or in leaves

Decoction infuse it. Should be given in infusion. Profus. given with the plant of the plant.

Upon no subject are medical beliefs more contradictory, as when the medical parts of this article. Some contend that it is stimulating, others that it is never so but always the contrary.

Dr. B. believes, it may take other properties, producing an anesthesia of the brain. It has no ~~effect~~ ^{topical} effect upon the circulating system (viz. B. This is a slab which after precedes an attack o' delirium tremens) This is widely the slab which has been mistaken for stimulation - produced, and will be if the article is contained in some time a

loss, just short of the its no narcotic doses, though this state it will remain to a
time when his digestion is capable of
bearing an inflammatory fever.

It is a common side effect of
it to be the use of other narcotic
narcotics, as cocaine, coca, aethers &c.

It has been noticed that in the case when
it is reduced to 200 by Digitoxin of the
rate it is raised to 250, 300 & 350 &
it has been considered very dangerous to
allow more than always occurs in ex-
treme instances no narcotics or in
the synecolysis or even from mercury.

First used up the man often does
it, & is gradually reduced to a quantity
which it would be well to re-
member & regulate.

Under any management the
article is liable to fail to operate and
for some days operate most dangerously
the patient will then may become
along with the quieting up the circu-
lation for some after the cessation

of the administration of the article

Digitalis is diuretic only, after
nausea produced by it - but so
much nausea will prevent its diuretic
effect.

If Digitalis is not, ^{or is not} in health
it is only so the water has accumu-
lated

It is capable of relieving so-
utonic infl. Opium must be con-
joined. Poor. This is called a cathartick by all

Those who contend for the stimulant
power of Digitalis say that it contains a cathar-
tic in its tonic diuretic. Others say that it
will relieve phlegmatic cases. But agree
that in some cases it has produced no effect
either beneficial or injurious. For
Digitalis and other, etc., give in a severe
case of phlegmatic disease. It will have no
effect and the disease will aggravate.

In milder case, it will no change
will be observed. The supposed phlegmatic
case relieved by it are irritative case
- that strength or, or see, or I put to

This is according to. Considering it
as a phlegmatic diathesis, still says it
is useful only in those cases which do
not admit of w. s. - and he commen-
taries it with Compton and op-
ines it is equally admissible in
the uterine case.

Davis supposes that a considera-
tive number of medicines are adapted to
a different set of cases, from digitals
There is something in the general princi-
ples of even. Art. & Linck. on the
part of Dr. Blackall, which is wrong in saying that
specific and general are incompatible
with digitals. He supposed general to
be a stimulant and digital a refriger-
ant. Blackall is mistaken in a
similar manner - calling general a stim-
ulant &c.

Salvia is often larger than ana-
con sensitive to its diuretic effect and
hence they must be given in tea
People so far found that there is a
certain range within which digitalis

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fact. - and hence sometimes, a strong
i.e., carth. & opium must be pre-
pared and contained and in a few
days, carth. carth. & even bleed-
ing may be pre-mised

Many ^{among} lately found that
tunics or canella alba are usefully
employed and ~~employed~~. In such
cases, Prof. T. employs tinct. carth.
senna squills & cal. with digitalis,
yet all are incompatible, accord-
ing to Paris. In the cure, alcohol
will often be needed

Calomel generally increases the
susceptibility of the system to pernici-
ous irritants.

Phren. prep.

To a t. 3*ij* to 1 pt. ^{of diluted} dilute
3 or 4 times a day
Or take 3*ij* to pt. dose table spoon-
full

Cherapahalli. Diopaths
cough - where is a copious expectoration
that may be the best. But often
it is better and at least often
a surgical should be considered
as 2nd best. or 1st and. or 2d. posy.
The condition is present by acciden-
tally

Let emetics. If the recommended
be taken a combination of a few.

Respiratory expectorant in form of
a decoction of a very strong
concentrated with opium. It will
act a purgative start as soon as any article
contains both bones it may be given
with intervals.

Opium tincture - or paraffin, ^{bitum} tinct.
opium will be needed, if you use digi-
talis, may however, where the patient has
frequent & constipated bowels.

Therapeutic doses in the disease mentioned
above - as in the above disease where
obesity producing a disposition to sleep
without active sleep digitals, will in

due sleep.

Causes a recommended - but ~~good~~ to be
done, & not indicated. Used to do
much good not bad!

Philopterous aseptic lesions for
various of them - particularly *Crypt*
ma vesiculosus & *E. oedenatus*

adults of it being enough to just in a
slight reagent. Recommended very
highly for it notorious Rhin.

Scalp and burns, lesions, light use
of - reducing pain, irritability, etc.

Externally of hair being on
other side, a subacute or chronic but
really irritative or allergic by *Scut*
rie to *Scutellaria* - in
spices & car. phlor

Recommended in *Crypt* - but is not
on *Scutellaria*. Long recommended
in this almost the first disease
if it was employed - best adapted
for the cases which requires very strong
one while it is still as a developing
disease - but excessive irritative.

well i, haust or mixt almost or excessire
the sweating. It is principally usefull
1/4 a drachm in a teacup of water to be
boiled & then a tea sipp'd or some box-
wood phthisic. Digitalis is to be given
in phthisis as in other diseases upon gen-
eral principles

Pleuritis - useful as a narcotic
& diabolone & combined with opium
It may be made to cure acute pleuritis
soothe a pouze of calafell & give
it a little - 10 or 15 drops of th. tinct. every
two or 30 drops or even 40 drops
until this disease yields, or the head
is affected to danger of a violent acci-
dence, when it is to be combined with
opium & with a diaphoretic regimen
Asb acute rheumatism but not
usefull.

Rheum. in tinctures 25 drops & honey
a day for you to be with drinking a body
Stomach - recover - also with slow
moving phlegmatic this depends on the
state of the system

Phlegmone puerorum - recover in

and although you believe - you opin-
ion but do not adopt it, practice
in public & teach

Heads, & Rosalia probably useful
when not too atomic

Penicillins, rec. but it should not
begin with phenoxate (A.R.) There
are 4 forms of hem. (Acetyl phagistic
fusin, staph. coagulase & ricino)
Digitalis will be necessary to initiate
and with a quick rising pulse over
also Prosthetic heart etc.

... in a skin with continued cerebral
les, topically

Maria rec. said to be useful in
the blood & distributed to the brain. (at
Prof. T. think, does not occur) Prof.
T. consider maria as a ~~physical~~ disease
& consequently an atomic dis. The process
of maria precedes the disturbance
of the cerebrospinal - and the effect
is a mistake for the cause.

Goldwillis cured 92 per cent

Dr. Gold has cured 93 per cent - It has

Latet, but foreshadowed by Dr. Willis, &
occur during Hart's treatment was not
startling, it seems. Dr. Hodges, Dr.
Hodges, followed with paroxysm by a cool
bath, to be prescribed, specimens of
it as a periodical disease.

Endogenous. - It is not good
to dilate of the larger blood vessels
externally. (Dr. Lepey) Hydro-
catheter (hardly advisable)

Dysmenorrhoea, friction, roots, nothing
useful is mentioned. Dysmenorrhoea of
a non-typhoid will be aggravated by mor-
cotics, - that of Choleraides will be
reduced.

Hydrocephalus - recovery.

Most important use is in Dr. & Dr. May's
paleness, coldness, skin easily pit-
ting &c. (vide Willshire) Prof. T. has
always found it useful - but, as Dr. Will-
shire goes, so he finds stimulants nec-
essary in conjunction.

Prostration cases with a dry skin &c.
it does very well in

Dr. May of the abdomen. It is dis-

turn hard, circu scinditur & non
se & illa non se benefitissa by dactiles
Other cases of ascites, requires
pulpa in a crevasses & ~~glands~~
igneis or calentum.

Hydrocephalus & other parts of
the body. It may, &c. benefitissa by
digitalis. & afterwards, tones
conus sum. mynd to like
the shew.

Cutaneous affections. In pitting
les, ulcer, scabies, &c. &c. &c.
will be common use of the root of
Digitalis, but by any thing else
Supplying it with a poultice
to the affection. It doth 1 pt.
It cures in 3 or 4 days to like.

In pitting for ulcers, upon the
wings to relieve the irritability

It is recommended to mix it
with astringent with opium
But then opium alone with somsonat
water. & it cures by & & &

Resins, extracts, released by stimulants, and opium. This was well established before the springing up of the ranks of the Colologists!

Prof. T. H. H. had several cases where it had been given by mistake

Hector, Poplarwood, Ray's terminologies, that line. With Gerboldt, Parkinson, Bates, Valmori &c. It was used to produce cramps, &c.

Go. of the thing was first to discon-
e and publish it in *Journal of
operation*, 1782

(D). Sutera, has been used as a
substitute said to be more active -
probably less so as it was used more boldly.
(D). Oppellottis is mentioned by
Cory, but by no botanist whatever.

Stelaea Ricinosa

There are of very nearly allied plants called by Linnaeus, *Stelaea* & *Riciniflora*.
 But ~~some~~ of them may be referred to either
 of these. have been called, *Macrorhynchos* by
 Linnaeus - ~~most~~ ^{of} ~~considered~~ ^{as} ~~the~~ ^{genus} *Stelaea* & *ri-*
ciniflora are distinct & genera *macrorhynchos*
 must be separated. And, on the same
 principle, *A. pulchella* should be referred
 to another genus, still. (To - see a late
 Schleicher's have united (judiciously, & upon
 Linnaeus's own principle) them all into
 one gen., *Stelaea*.

~~The~~ ^{the} we have in St. Rose. Atribe, & St. pa-
 cificoidea (as if in ~~the~~ ^{has} not been ack-
 nowledged)

The whole gen., in those division, has
 1st *St. riciniflora* (Liberia), 2nd *sinuosa*
 (Kun-schleicher); 3rd *St. pulchella* - 1st division contains
 2nd sub-div. *macrorhynchos* 3rd sub-div.
 4th *St. cristata*, 5th *St. rosea* - 6th *St. pulchella*
 Decandolle's two spec. of *macrorhynchos* et.
St. rosea are mere varieties, or mistakes - the
 latter does not differ from *St. pulchella*.

Ulmus racemosa (Linné) ^{Sinuosa} (all in sambucus)
Ulmus *serpentaria* of Prost
Ulmus *racemosa* Willd.
Macrorhynchus *racemosa* Rafinesque
Macrorhynchus *serpentaria* ^{Lev.} *racemosa*
Betula *racemosa* Rafinesque again
 Black cohosh Black snakeroot
 which is applied to at least a dozen others
 e.g. *Sanguinaria* *marilandica* (Linné) *Spuria* - root - Rich
 wood Black root Snake root &c.
 Cornutus; Canada herb Christopher
 Nat. ord. Ranunculaceae - tribe
 Ranunculaceae. Grows in woods
 among rocks in rich places &c.
 Flowers about July. Monoecious
 Part an irregular tuberous rhizome
 with fibrils Often the root of blue
 cohosh (*Sanguinaria* *racemosa*) is often sold
 for it. But the fibres of this are smaller
 taste less bitter not viscid &c.
 Roots of *Sanguinaria* *marilandica* (called also
 black snakeroot) are also collected for it.
 (So the berries of *Comandra* *monica* have been
 found in the shops for buckthorn)
 But *A. rubra* & *A. polyphylla* are

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most commonly mistaken for it they were
inferior.

But they may be used taste first
but a sort of aromatic afterward - worse and
bitter. Tinct. of root is aromatic & bitter

It should be collected only
after the decay of the top. Attend
to this direction, & use care in its pres-
ervation & it will retain its full
virtues for years.

I know of no good analysis. —
Dr. Heers attempted it, & gave the result
of his researches in a dissertation.
— Tannin, extractive matter, a bitter
principle, gallic acid, a gummy prin-
ciple, starch, woody fibre, — all which
amounts to just nothing at all. He said
it probably contained an alkaline prin-
ciple; but I assert positively, from
repeated experiments, that it has none
but calcia. Tried every means to
get an active satisifiable base — failed
entirely — don't believe it has any.

(Here Prof. T. gave the ordinary process for getting

Latifiable cases.)

The article is prominently a decided narcotic - antiseptic I said to be anodyne a soporific; I don't believe you can employ it for that purpose with advantage; though this, as well as all other narcotics, in certain conditions, do have such an effect.

It readily & certainly produces utt. narcosis, which can always be speedily relieved by suspending its exhibition, at the same time using those means heretofore so often directed to — especially opinion. (33.33.)

Dr. Toda has seen decided & concre-
erate exsthesia. Prof. T. thinks it
similar to the exsthesia of deliria & concre-
& which occurs just before an attack
of delir. trem. which is often mesta-
ken for epilepsy.

In large doses it produces neuralgic pains, with the exacerbations. Large doses make these pains more extensive even affecting the head and eyes. Prof. C. once doubled the number of doses but had no seen them many times. They are most manifest in the calves of H. Legs & along the

scatic nerve. Opium can be used & the
lungs related. There also suppose to the
pains. Prof. L now employs a little food
as a gruel of milk & porridge, in conjunction
with each dose.

Besides these neuralgic pains, a large
dose may induce convulsive action of the
heart. Case of Charles Terry, dangerously
affected. At first it, violent neuralgic
pains under the upper part of the sternum.
wandering neuralgic pains soon no-
tice & palpitation of beats 130 in a minute
seen under the left armpit &c. Large
quantities of camphor spirit capsicum
&c. were required. An enema of oil &c.
This was given to change action. Next
day, soothly well. These effects happen
ed twice the armenia not being at first
suspected. Cases related from G. K.
Baroness of the Shakes - in which a large
dose produced convulsive action of the heart.
In both these respects it resembles a toy-
nos ^{muscaria} & false apoplexy.

Some physicians give too large doses and at too long intervals - hence are always complaining of failure & of unkind effects of the narcotics.

Case and testimony of physician, about its cobolic operation. In one of the first cases, it was given as an antiseptic in a case of threatened abortion. Abortion was speedily produced. Dr. March's sister, at the Clearys, being more lasting & leaving the uterus less inactive - much less liable to destroy the fetus. Drs. March and Dr. Fox have found it useful in uterine hemorrhage. Dr. Fox finds it the most valuable article for suffocating a fetus in a woman not connected with pregnancy. He outlines its use, for some time.

Prof. F. thinks this cobolic operation not specific but a fact of its narcot.

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He has frequently seen it in muscle & other
involuntary muscles.

Aclaea is especially deobolous &
Prof. S. S.'s attention was, first, turned to this
by observing its effect when given as a
diaphoretic in what was thought (by an
old Surgeon) a case of scrofula, & against
Prostatic trouble, and cured the local
disease, much to his enterprise. He gave
it merely to allay constitutional and
dryness of the skin. He did not a
great deal about it. Subsequent expe-
rience with the redolent fumes of San-
guinaria, Calcearia, Verat. &c. led
to the investigation of this property of
Aclaea.

Dr. Meers has found it produces
an erythema upon the skin. Prof. T. has
never experienced this.

Dr. Gardner thinks it choleric -
Prof. S. S. has no positive experience of
this. Dr. S. Woodward & others, however
find it so

It is found to be emmenagogue - also

Seen, to be expectorant also, & for
as an article ~~which~~ can be directly
Occidentally diaphoretic. So say many
physicians. Perhaps however it is only
indirectly so as it appears to be in
many febrile (hot & dry) states.

Domestic often considerably so
yet upon the whole it seems not to be
in the diaph. direct. & expect. to
render it vulnerable for these indications.

It has been repeatedly called
ast. ingent. But it seems not to op-
erate thus. To be sure it contains a
little tannin & gallic acid but not
enough to be efficient in operation.

Called tonic - Prof. T. once
thought so. Dr. Garden thought it
tonic & reducing both. Prof. T. thinks
it is reducing but prostrating
itself. Prof. T. & all his friends, al-
l. find it useless as a tonic.

Take every other article of the
materna medicin. this has been called
stimulant. Prof. T. has watched

carefully for this effect & never could perceive any. I want to know, however, &c. are produced merely by cerebral in relation?

Very commonly said to be pectoral a term which may mean, delusion, antiseptic, debilitant &c.

Said also to be absepseric also called antiseptic this was the earliest quality ascribed to it in any publication. The principles of the cure of scurvy are not very well settled. The cerebral seem to be well established as the seeds, & Actaea, at least useful in restoring the courage. But Prof. T. is an entire sceptic about the prescribed treatment of scurvy. All the cases treated of in the books, about at sea and seem all to be cured by upon antiseptic principles. Concrete ~~less~~ citric acid is, at least. Lemon juice is useful in furnishing vegetable album.

Land Scurvy (apparently the same as sea scurvy) Prof. T. has found not been

fitted by the treatment of the books
He has cured it by Lead, opium
Cafeine and brandy - giving food
with each dose of medicine & after
a few days giving quinine
4 oz lead 1 gr. op. 1 gr. every two
table spoonfuls of brandy every 15 min.
a little food with each dose. This pat.
in Albany was cured though she was
not expected to live an hour.

Said to have the power of curing
cutaneous eruptions. The only treatment
is Dr. Baston's that it will cure itch
Called repellent - by which is
probably meant discentient. Prof. T.
knows not that this has been well investi-
gated. Called pellent also!

Dr. S. B. Woodward has found it
cathartic, after ^{of his} some patients. He is the
only person who has met with such ^{an} effects -
probably they were anomalous cases.

G. J. Lawrence thinks the flowers
are laxative. But all flowers are.

derivative - unless they possess some other powers.

Said to be narcotic in a large dose. This is very doubtful - probably not more narcotic than Digitalis, or a narcotic.

Darlington calls the root somewhat mucilaginous. It certainly is not so well chewed. Being a narcotic it certainly could never be employed as a demulcent.

Any considerable degree of phlegmatisch diarrhea, will not admit of this article, until after reduction of evacuation.

It may be usefully employed with opium, aconit & tunicas.

Recapitulation

1st moderately nervous.

2^d actively deobstruent - including resolvent, cholag. emmen. & diuretic & perhaps

3rd powerfully narcotic - always active - sometimes soporific - produces ultimate narcosis. 4th Ecbolic

Not stimulant tonic nor astringent
sc. sc. Vide supra

This is supposed to resemble Sycopanax Virginicus, but this latter is
merely insipid & tonic

More resembles syc. but differs
thus, viz. it does not accumulate on the
tongue - not continuing long after
the belch - nor returning in paroxysms
as, not like hemlock Digitalis like
Digitalis its narcotic effect is
more easily relieved. Digitalis
is not narcotic & is less acerbating

It is more speedy of action than
Cocculus - has most ^{read} power in chronic
- Cocculus most in acute infl.
Cocculus more cholagogue & not dia-
rroetic nor diuretic

Possesses the conveniences of
Languinaria & Colchicum without dis-
ordering the stomach &c. like them

Notice of failure etc. bad preparation, not washing it well enough enough nor enough

In many cases 2 hours is a better interval than 3 hours. Another source of failure is preparatory bleeding or purgative.

Other prep. 1st very fine powder 20 to 30 grs. 2nd infusion coarse powder. 3¹ boil. wat. 1 pt. dig. 1 hour & strain.

Tincture 4 oz coarsely powdered root to 1 pt. off. alc. macerate 10 days & strain. This is ~~also~~ ^{the} tincture which is the only one needed for come on use. It is the only preparation which well succeeds in acute rheumatism. Probably the active principle is perfectly soluble only in alcohol as water causes a turbidity or cloudiness though no precipitate.

The powder is too inconvenient to use. It must be very recent & fine.

Medium all dose is about 30 grs.

Twit. of the flowers, is made by
G. K. Sansom 4oz. 6 fl. dr. dil. alc.
He says it is cath. & less narcotic

Diseases, 1st Dyspepsia vorable
cuse, greatly palliated, by Drs Hale
& others. Dyspepsia with a dry
cough. very useful
Dr Knight has found it very useful
in 2nd stage dys. conjointed with
opium. in dyspepsia w/

It cures when opium would not
Dioscorea thought highly useful
by many. Coccoa ceras var.
oblongata (primary rheumatic
affection of the colon - as known by the
habits of the pat.) Dr Stokes gives
1 fl. 3 even hours until pain is relieved
or narcotized produced in the part is
sure to be relieved.

Will probably be found
in common colic. as it excites the in-
voluntary muscles

By dyspepsia - often highly

useful - relieving, in combination with opium, when the latter alone failed
Case related, mistake for ^{the} ~~the~~ ^{the} ~~the~~
mop typhus (as there was owing from the
throat, caused by atony.)

... in Cough much of successfully
employed by Dr. Woodruff of Ut. arresting
the convulsive cough when produced by ex-
cess; ^{Dyspn. exac.} & Asthma

It generally cuts short the exacerbation
I give with the 1st dose 25 or 30 drops
of laudanum (20 grains & g. op.) giving
a few more every 5 min. or a dessert
spoonful at noon. or if this fails repeat
it - and as done cases, a little spoonful
in this disease, a night or of several
nights, give dulura - Prof. T.
has succeeded to well by equal parts
tinct. actaea lobeliae dulura - Prof. T.
at first knew no better than to give with
tinct. actaea - this was worse than
the ... Next he tried opium. this
failed. Next he tried syp. of rum &
a quill this he thought did well

but he found it always disordered
the digestive organs. Next he
tried trich. lobel. And one case
in his own family he cured rad-
ically by anticipating the passage
of both lobelia & Cardamom.
Colchicum will break up the
passage but disorders the stomach
more than squills. Cox's liver
soup is much used but is one of the
worst articles for disorders, the dr.

Cure.

Dr. Mearns recom. a diet for curing
mild tert. fevers. Prof. L. tried it.
He found it would suspend the passage,
but would not cure the tert. & he
would be compelled to resort to quinine.
Prof. L. has considered this a disease of
atony & has cured it only by tonics
& stimulants. The articles which suspend
the passage and do not give tonics
seem not to cure the disease. Slight
cures may be cured by tonics of va-
rious sorts.

descriptive lecture - useful at least
as an auxiliary.

Postoperative foreign body reaction
Catheter displaced superficial abcess
occurring about the hip. Case treated w/
a cure or allase

Parishuia, b. white, var. blue & black
(blue & black not scarlet) -
a very small bird - not large, &
mainly throat and sides of scarlet (scarlet
purple) -

Pneu. mit. (u. B.). 2. Zeitpunkt der
(fester angesetzte). -

Probably it might be used in, or out of
the atomic & subatomic propagation even
in simple fevers of this type, if not too low
degree. *Lept. var. nervosa* probably it
would be useful reducing nervous susceptibility
such as a delusion.

Princ. Ch. var. no. 1. which appears
to be a specimen of *Streptocarpus* no. 6.
yellow. white with.

especially of acute
of the lungs - misplaced and useful,
"Subacute pneumonia" (of Rust & others)
(which appears to be an off. of the
bronch. mem. without an off. of the
Schneideria) proceeds more from ~~the~~
phthisis after. should be treated with
the obstruction, or as colic, nerves &
diaphragm e.g. narrow ^{var. catarrhalis} tr.

Pat. is ~~when~~ ^{when} much
used even by those who know nothing
of its general use. Vide Eberle's practice
"Phthisis in boozers or dyspeptics
highly useful. Remarkable case
of Dr Holck's related at full length
(Incidental remark of Prof. Dr. He
had her ordage which was checked by
her ⁱⁿ ~~in~~ ^{neglecting} ^{very} weak - no
wonder if老虎 or the like contained thus
for some time". - "Could not take tonics
"because he took no antivitants with
them, & pain - for instance") cured
when in the very last stages by a draught -
L. subra failed in this case (it a greatly
weaker) Gabium circassans proved

a valuable expectorant.[†] Dr. Hutchinson's
another very instructive case, failed
because it was not persevered in long enough.
This is apt to be the case with long continued
diseases e.g. chronic diarrhoea & opium.

Actaea will do as much
as phthisis as this, even if given alone - Yet
it ought not to be given alone but combin-
ed with opium, tonics, &c.

In many cases, actaea has prolonged
life for years, in desperate cases. A. B.
Consumptives cannot be cured by residence
at the south in the winter only - they must
reside there for life to be permanently
cured.

Phthisis tubercularis - supposed to
have been cured. Saenger's an atomized
investigation. - Prof. T. thinks shows un-
equivocal cures of tubercular phthisis.
All arthritic infl. - are benefitted by it.
Especially Rheumatism.

Prof. T. has seen cases of arthritic car-
ditis cured by actaea.

[†] Actaea Americana equal drobs are equal per-
elix. prop. & tan. & digitalis

Chloro-a-fantin (An infl. of muc. memb. of ab. can. has been cured by Greenbey - has been cured admirably by actaea Dr Pea body has cured by 40 drs. - do have others

Syphilitis membranifera - has been found useful in many cases - by Woodward of Vt &c.

Prof. T. has not had an opportunity to try it in acute gout. He would give actaea once in 3 hours until narcosis was produced 30 or 40 drs. - Conjoinly opium enough to drive off pain - once in 3 hours - In this way Prof. T. has cured most verat. vir. lob. serpe & co. #

Arthriti; rheumaticus - atonica acute If per. is & constive, give opium enough to relieve pain follow with cal. enough to purge 12 or 18 hours After the purgation give actaea once in 3 hours - f34. - more or less - # Note the purgation for colct. is highly medicinal

enough to affect the bow - enjoyed
open air or more or less in 3 hours
to relieve pain. When Prof. T.
first began to treat atonic acute rheu-
matic in this way, he enjoyed other
articles, as specific but he finds them
useless.

The topical heat
redress, torpor, &c &c will
be relieved ~~once~~ in 24 or 36 hours
& after the fever disappears with the
"Handful of 1" (and 10 days of
mild rheum. in one circle. all the
case, he had. Dr. A. B. Wood used it
as a liniment. begins, 25 or 30
days (calc. time.) about or even 4 hours
to prevent a relapse, continue the action
~~in discontinued doses~~
~~in hours~~ for 12.

~~1st fine powder~~ (as per Dr. Wood) the fine
powder sifted through a sieve (one
about 8 mesh) 10 grains a day - or dose
5 to 10 grains. Do not until a decided
tetanic spasm, are produced.

~~Don't~~ ~~fully~~ ~~it will cause a slight slow-~~
~~ing~~ ~~sofa~~ ~~hurately it will~~ ~~in 6~~ ~~in 6~~

Vide page next after
the end of the article cinchona

Ophthalmitis

Demulcens in irritation to be highly useful
from ~~all~~ ^{any} part. Prof. S. knows it
Sorphyra haemorrhagica & ranuncula
- first employed to cure this disease
- in a large quantity of cedar, proba-
bly the cedar had no effect.

It may be useful in this as in rheumatism -

It relieves successfully with
(the birds fly higher & open better)
opium or aconite ^{fully} S. B.
(in rheumatism & legs of broken down connects)
Woodward <sup>though has been ex-
-</sup>

It is said it is more useful than
strychnine and aconite or opium

Urticaria - Prof. S. used ~~all~~ successfully
fully early in his practice - now he
uses nothing but dulcena.

Epilepsy, & a history of fevers would
as often, & still, a peculiarity, valuable
epilepsy, from a temperance as other,
walked in other cases of epilepsy.

Cures Paralysis - it will probably be
quondam - from it rises the anti-
strychnine. It may be found in
markedly negative in saler for lead
colic - emphor & ceremic may be
joined - from analogy Prof. T. - as, lead to antimony & 1575
Chorea & general hysteria, its favour
wide also Dr. Smith's medicine. No. 18.
some interesting cases of surprising
cures. Dr. Webster has used it with the
most beneficial effect in chorea. Tried
chlorophenol of iron (cinnamon) & cani-
cinnam & various times with no benefit
tincture of horse-warts (a powerful nervine)
for Malaria cured his

Paroxysma obstructions - found
highly valuable P. difficultis game
useful in relieving pain, obviating ir-
ritability etc - Prof. T. uses salvoa

Paroxysm alone - leaving
her trituration. Prof. T. now uses it
instead of Chloroform - with almost
efficacy - & without danger to the
child.

Retention of placenta - re-
peatedly used by Prof. T's friends
with good success.

Hydrops cellularis - espe-
cially with an erythematous skin -
not used by Prof. T. but
by several practitioners - as a
substitute for digitalis.

Tenorrhoea - in a case which
used to be the joint result of bloodless
pneumonia - cured - other cases

Cecropia scabies - etc - said
to cure by lotion. Prof. T. has
often cured it by lotions of dig-
italis.

Sprains - Prof. T.
has often used it with advantage.

Reflux of malleus - pipe wine -
alcohol & opium - must be better.

Old chronic cases of syphilis - joints

arising partly from injury & partly
from other causes - responses very use-
ful.

Very useful in Malaria of cattle
note B. S. Baston.

History. Lond. phil. trans.

Petiver (1697) used Marigold occa-
sionally. B. S. Baston (various anno-
tations to U. S. Dispens.) have copied from
him.

Calceolaria rubra

Different from *S. speciosa*

Linckia it is used in some places

Finer, smaller & stronger, but far weaker
and more uncertain - & less valuable

Calceolaria pectinata

S. Alba (big.) *S. speciosa* var. *alba* *S. rubra*
var. *alba* &c. (Heckel) used, equal
strength &c. mentioned in several
regular works. Used as an efficient
emmenagogue. Dr. McElroy. However,
(this is pre-^{dicted} !) said by Reginald
to be poison; & used by Dr. Waller
as a suitable for str. but weaker

Used by him with advantage - Up until
in ophthalmic cases used for dysentery, &
now worth a bill bung for it's use.

With roots cannot be dug - unless
there are often sold for those of it's use
- in ex frequent disagreements.

4. Spicata

Chrysanthemum. Herb Christopher.
Barber berries. Berries spicata
but highly poisonous (Vide W. M. M.)
Roots and leaves, and a berries have
curled delirium - useful in nervous
diseases, as a repellent &c.

Prof. Fowler infers that it is more
active than *A. umbra* of the same
dimensions.

A. Cimicifuga Linn.
A. umbra foetida Linn. Siberian bug. ^{base}
A. C. Coast of Am. & Siberia
An almost inoffensive root - Used
in Siberia as a tea in - take Good
art. Agardh. (Canalic. &c. active)
Also don't believe my that it is a power-

feel more. I still doubt that it has, it
has however, I can but more, sorrowful

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Styck. or may come in

Myrsinaceae *Canaria* var.
Myrsinella Fab. var. *Myrsinella*
Laurilia Sims. *Laurilia* *Coronata*
Cochinchinensis *Fructa* a berry, about
as big as an apple with a hard orange colored
skin *seed* in *bedda* *seed* *seed* *seed*
Bark *said* *late* *new* *tree*, *active*.

dead, or bubbles of decomposed size of a dime
below surface, the chlorine of KMnO_4
(accused by mistake - *Prunus* being
merely a bitter taste) - Mayahui most
abundant acids can be run with Strychnic
acid - *Chelid.*, *raphanus*, *etc.* ^{rapd. to be} by
alkalies - will it change blue, *etc.* Combin.,
with all the acids & Separated by all
the mineral alkalies, when recovered from
some combination, the alkalie is changed
(this is true of various organic acids, also a dif-
ferent acid being formed)

Operative effects in ordinary doses
there are so moderate and short that
they can be no better distinguished
but those of camphor. The power
of my adrenalinine in a suitable dose -
cause, we may perceive an an-
esthetic effect.

Camphor, a morbid irritability &
sensitivity greater, health, suscepti-
bility & tone. Such shrewdness as
agrees with camphor but disagrees
with acetica digitata and Lobelia.

It is mentioned as a peculiar proper-
ty that it strengthens the voluntary
muscles ~~so as~~. This is merely
an anesthesia of the brain produced by
all the narcotics. It is more easily
& more successfully produced by this
than by most narcotics.

Need to be anodyne & probably
as to the ~~most~~ narcotics. It has
no great power over neuralgic pain -
said to be tonic of the heart. It is said
said that it is so me -

and to be destroyed. Prof. S. thinks, it is so - though equivocally, to other some other articles. It can, however, stimulate Leucorrhœa - but little detail is known.

Not known the chologogue, anti-purgative &c. - but has not been thoroughly investigated.

Seems to be refrigerant (probably) and intermittent (ment.). It seems to be capable of curing intercurrent

ailments - probably
it is

W. Brown's operation adapts it more especially for chronic diseases

In conveniences & effect, cordialgia vertigo - sense of vertigo - staggering - a slight sense of pain in the head - & loss of power of general coldness - These effects indicate a reduction or disappearance of the remedy. In a sudden sufficient dose and be capable of producing these effect, in an hour - & ultimately to produce stiffness of body

very much i.e. tetanic spasms.

Usually, it convulses the involun-

tary, effect said to con-
sist in the breaking of the body, cold
causes ultimately spasms, & con-
tralateral ultimate convulsions.

Paralytic parts more speedily &
powerfully experience its effect, viz.
the breaking local preparatory to
tetanic spasms the contrast being
remarkable between the two sides
being affected with Major die
Even the two halves of the tongue will
be differently affected.

They add is probably correct
in saying that it ^{not} affects the spinal
marrow without affecting the brain

Prof. J. has found strychnine
more efficacious than any other pre-
servation.

Strychnine is said to be the
most active principle known & the
most deadly next after prussic acid.

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Effects of Mandarini

2nd tonic (moderate)

3^d diaphoretic - most violent - may not
be used

Entom. diaction strictly prohibited
the article more violent than it can
most other narcotics.

The British fractious are mostly
afraid of this article, yet it is no easy
to manage than opium etc.

This article, like all narcotics, may be
used as a chief refrigerant, do not
try to know no antidote - be direct,
uncts, etc., bengal etc. action long
and artificial respiration!

Pharm. Prop.

125 Fine powder - pass the seeds - then pulver-
ize - sift through muslin. Dose about
4 grs. 4 or 6 times a day. or dose 5 to 10 grs.
Push it until moderate tonic spasms are
produced. Prop. T. pushes it until
some slight startings or a paroxysm
limbs. Sometimes

150. to 160, a day has been enough
 200. Stoch. tinct. - strong etc. 1/2 fl. 23 of
 marsh sed. Four 200. min.
 130. etc. etc. - begin with 100. or even
 100. (Majadie) But a dose a day
 will require too large a dose. The ef-
 fects soon done will not last 24 hours.
 (or slight dose effects drags. to gen.
 In. die. will be enough (Majadie)

Dose of tincture strychnine said to be
 fit to 1/2 a scrup. per day. too large
 dose. Some patients will not tolerate
 more than 16 of a grain. The doses
 must not be so large as to load a re-
 tro - nor the quantity in the day so
 great as to produce tetanic.

Causes of Dyspepsia - more
 especially where there is a want of tone
 in the stomach. - but in almost all
 varieties. Dr. C. has found it useful
Giardia vulgaris - reported as
 very valuable.

Lead colic - especially wth the see-

ordinary stage of second.

He hath not said what species.

Chronic rheumatism like galvanism.

Pyrexia exacerbans - Profoundly
it locates the relaxed intercostal &
spasmodic & the epigastric, also
relieves the pains of the womb, &c.

Tremula ambulantia.

Intermittent fever - dose directed to
small. Said to succeed when quinine
fails. (Prof. S. & several friends never
fail to cure by quinine enough & unqual-
ified. Case, related of cure by quinine
after quinine had been said to fail
utterly.)

Typhus pestis - (Levant plague) - Said
to be specific seen, to be specific
Dysenteria typhosa has been used
with great success

Arthritus podagra. Said to be capable
of curing of scurvy and rheumatism
So far as I have observed in
all these varieties, either treated or passed
a number of

Scalpica - arsenic, sulph. stryg. & sulph. mercurialis in comb. also have proved highly valuable.

Cephaelis manicaria - rec. in the books. *Halesia hypoleuca* (unwreathly a combination of moderate doses of dyspepsia & of melancholia) said to be valuable.

Cephaelis leucantha (dyspepsia) in the dosage in the books 1-2 drs. 3 or 4 times a day - nearly in the required quantity. Can be also morphine. Prof. T. has succeeded better by this plan than by any other. He now employs it exclusively. Case of Prof. Weston's

Neuralgia - one of the best articles. Prof. Knight has employed it successfully in many cases of neuralgia - *Clonix palpitatio*. Used with great success.

Chorea. Curasaceas of long standing Dr. Peirs has found it highly successful so has Dr. Woodrow of VT Prof. T.

has used it but all of that with success.
Ayzelotia - used to cure. Prof. T. never
tried it but once & then it failed. It
might be useful between the paroxysms,
Chilepox - reconvalescent might
be useful. Dr. Borden says Prof. T. used
it with decided advantage.

Caron, Leha, etc., has been cured
Caron, paralysed - more celebrated
for this than ~~for~~ all others - it
heals you in 24 hours. It also will be
pushed so far as to produce some spasms
in the paralysed limb. Adapted to
all cases of paralysis caused by inter posse or
by ^{the} ~~hysteria~~ hysteria, &c. - Has been used success-
fully in pregnancy for hemiplegia with
out injury to the fetus. Case quoted
showing that polyp may be cured with
- but produces any thing more than
tingling - no spasms. Physician
states that it is now externally given and ap-
plied in form of trichlore

Paraceras anulipes
atrenescia in rotaria (probably a per-

test paralysis through an affection of the mind oftenest hinders the cure of the disease)

Spasmodic asthma - Magendie

Pneumia retentionis & incantans - successful - see Magendie

Scrophularia comunes - cured

Bites of reptiles - said to be cured

Ench. Enervation of extremitie - cured or relieved by Magendie

It must be remembered that all these cures may be incurable and that the article may apparently fail

Bist. Said to have been employed ever since the time of Geaner 15 -

Introduced into England in 17 - by "ville. Revived in ~~Co. Donegal~~ France by Magendie - in case of observing its tetanic effect on animals

Strychnos, *seca angustifolia*
 called improperly *Angostura* with
 various ^{trivial} specific names

Always found as an adulterating article
 of *Angostura* bark, & is not prob-
ably grown in S. America. It is not
 known however, with certainty what its
 habitat is. Magendie Par., & attrib-
 utes it to *Brouea antidiaphorica*. Brand
 with probability attributes it to a species
 of *Strychnos*. Two species of *Strychnos*
 grow in S. Am.

Bark comes in pieces broader than long
 & with thick - covered with small
 warts - fracture ² - slightly yellowish
 and mealy, disgustingly bitter.

- powder bright yellow

Concentrated infusion - a muddy - di-
 gustingly bitter etc.

Lat. tint. of solution pale reddish
 opaline - hygroscopic?

Pt. important to distinguish this
 adulteration of *Cephaelis Galpaea* off
 or *Angostura*. Several accidents have

happened even in this town

Absorb test said to be 1st a drop of nit. acid on the inner surface
produces a blood red spot (byt 1st)

2nd a drop of nit. ac. applied to
it liver, on the outer surface, they
produces a deep emerald green colour

It is much to be regretted that the
active principle is called brucine
this brucine poison is effectively
a strychnine. The bark is powder
& gas. killed a dog in an hour

A child was killed by mistake, with
it & it is ~~not~~ retained to the last

Brucine is found in strychnos nux-vomica
said to be a bigallate in false angos-
tura. Description of Brucine with
other tries. Taste bitter & acri-
cious. Nit. acid produces a
deep yellow colour - hence it
can be detected when in combi-
nation with strychnine

Wide discrepancy between the result
of the ultimate analysis of Brucine

Androal considers 1 grain of 2troy skins
equal to 24 gr. of Brucea. He adds
that 6 grs. will be equivalent to 1 gr.
of Strochines, q. v. 4 grs. kill
a rabbit.

Androal has given it in single doses
of 1 gr. to 5 grs. Allegedly 1 gr. 6
times a day.

Operating effects differ only in de-
gree from those of strochines.

Strochines seed - ang. is now con-
siderably used in medicine.

Strochines tentor is the most active
of all the strochines (strochines).

St. Ignatii is next in activity. It
is called Ignatia by Lin. Called
also Fabae sancti Ignatii - reca-
nables in tumors. It ini-
tiates and produces spasms. 2 grs
said to be a medium dose of the
seed.

Strochines cohonica - posse
it some sort of power. The wood of

th. root is used against bites of snakes. ^{the name} In doses of 2 drams it has been used as an intermittent. It nor its, sweat, diuretic - cast.

This is one of the plants called bo-hun apes. The other plant is the following

Priscia Macassaria

Reps, antisept. Antisept. toxicin
sc. This is said to be the most
active of all the narcotics - not
excepting hyd. acid. The pros-

Lobelia inflata

Said to annual, persistent, and perennial. Known to be biennial.
Repinetum inflatum *Lobelia* *emetica*. Indian tobacco. eye bright & Nat. ord. *Lobeliace*. Canada & U. S. N. & S. Amer., Sch. describes 150 species - most of them are highly active. Taste, much like green tobacco.

It has never been analyzed

Operation - 1st - worth a 4th str
 act - proceeding to cardalgia
 Universal gout - rheury - some
 mania - vertigo - salivation

Higher doses cause more vertigo -
 emesis - more salivation - expec-
 toration. Persons, doses produce
 convulsions, delirium & death.

Said also to produce increased
 secretion of bile - diuresis & diaphoresis

A valuable aperient though
 more adapted to a tonic case - Valuable
 emetic &c. Useless as a mere

cretic - It is too harsh and distressing. It would probably prove emenagogue.

You think it cath. Prof. T. denies this - except indirectly, i.e. an irritant & chologogue.

Local ~~seen~~^{not} to be stimulant. It will not restore, & proves restorative in exhaustion - but rather increase it. It may excite an irritative & bounding of the pulse, in low torpid cases.

It is acrid & locally irritant - not stimulant.

It resembles to nicotine & tobacco - but is more diffusible, more slender, more transient, less permanent - more manageable.

Strong not stimulant

Pharmac. prep. 1st powder of leaves 2nd powder of the seed 3rd infusion but this has no standard strength 1/10 San. 1/200 1/300 to 1/100 dil. alc.

5th in chloroform with Shattox.

Disease, 1st Cholera. A great insensibility with a tendency to take deep breaths & not very specific, an emphysema - with capricious & nit. sil. Diagnosis Gastralgia & Gastritis. See Eberle's practice. He finds it un-
necessary to opium.

Ideopathic cough either before or after expectoration - found to be very valuable. Rx. chrysophaea. Case related of an apparently desparate case cured by lobelia and opium for 10th day. with 20 grains op. at a dose & each article taken by itself. Another case related in which a large secretion of mucus is produced.

He has a cough - found a relief after it. An unfevered cough has begun, by numerous practitioners. A physician giving 10 to 60 m. occasionally for it, with or without the herbs & roots of better use for the disease than ant. or

specie - undoubtedly - because it
is deobstruent. Many physi-
cians have succeeded with it. Prof
S. has done so likewise - conjoining
open or conium.

Typhus a rage. 1/3 of the
root 5 to 10 min. until full vom-
ition, or two doses in two days. The
certainty of the 'cure' will be en-
hanced by purgatives & urine.

Give it at the intervals of the pro-
nux, - in conjunction with tonics
& cathartics. Best article for this
disease as well for the preceding.

Still this medicine is so nervous
that many patients will not pro-
longe with it.

Typhus nervousus has been used
Dr Hyde of Enfield employed a powder
'lobelia', of canary grass & of com-
frey - as a stimulant diapha-
nitic in typhus. It must be re-
membered that deobstruents are
useful in typhus. Prof F. & Beers

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used *Atropa belladonna*, when medical student & found it a most efficient dia-phoretic

It is common in epidemics
Prof. T. has used it with great benefit
Croup. Dr. Barney employs it in
croup, with great success and in
it progressing - 30m & $\frac{1}{2}$ f³
Croup is sometimes perfectly parox-
ysmal & resembles dyspnoea exacerbata
it has been mistaken for asthma, as shown
by Dr. March's p. n. exanimations

Health for lobelia is peculiarly adapted
Opium & *lypodes* was found a
most valuable expectorant - the two
squills could be tolerated - do, not
answer well for the chronic asthmatic

Acute rheumatism It has
been used with success. Prof. T. has
used it often with success in sub-
acute rheumatism Case related
cured in 24 hours by lobelia & opium
Dr. H. patient had often had such

61 attacks before which always last-
ed from a fortnight
Dr. Sherman ^{of Chicago} ~~of New Haven~~
Prof. S. finds it the most valuable
medicine - which is superior to guaiacum
which is the article commonly de-
scribed on. Case related - cured
by lobelia and opium - after anes-
thetic, blisters, guaiacum, alcohol
caustic &c. had failed

Peniculic com. volatile
some cases - generally best com-
bined with cathartics & r. t. a.

Hemina - recommended as a
substitute for tobacco - by some
said to be nearly as effectual
and not dangerous like that article.

Lobelia, Tupa - Penn
6 ft. high - roots 1/2 ft. long - odour
is a close resemblance to vomiting
juice so acrid as to produce
shedding of mucous & often
applied to a tender surface

L. longifolia - W. F. - said to
inflame the hands - said to produce
an incurable purging. Prof. T. has
known several deaths by this, ^{actually} ~~a cura-~~
~~ble purgative~~, from Colchicum!

L. urticae - most active also

L. sulphureum - throughout U.S.
All parts loc.

1st debilisent 2nd eretic 3rd hy-
drogogue cathartic - apparently
not *Cathartes* nor *cotic* 1st of *rectorubens* -
mercur. 3rd *cotic* 4th *diaphoretic*

First employed as a specific
for syphilis. Just about as ac-
tive as *Senega* - and adapted
to a similar set of case. It seems
to have the advantage of being less
liable to leave the stomach in a de-
ranged condition than *Senega*

As to curing syphilis - Prof. T.
thinks the matter not settled - he
tried, the notion prevailed that
syphilitic patients should be sole-
nized - and that too before the

constitutive but become affected
Exstirpation. It never work
 while to give mercury internally
 when the disease has proceeded no
 further than a chancre of bubo
 to will merely protract the cure
 The const. aff. also Prof. T. has cured
 by gold. It may be cured by various
Lobelia Portmannia
 of similar powers to th. preceding

Lobelia Gordoni - supposed
 It is a popular remedy in droopy & will cure
 a similar disorder ^{as} ~~as~~ as a
 refuge for Acc. limb

L. Claytonia - still
 weaker most common with us
 and apt to be confounded with
L. pallida

These cures will prove unreliable
 under any treatment. So given
 temperament of scrofulous habit.

Wet and dry tertian, Hydras
are di-chlorides. The atomic weight
of mercury is formerly called 26t. It
is the general principle that the total
test weight though it is not very strictly
adhered to does not appear that the
mercury, the first which is 26t +
for the black oxide, did it at hap-
hazard and did not calculate to
the exact weight and reason
that one part of the first dif-
ficulty does decomposed, must be
presumed to be a binary in Mr.
Dalt - redox theory Prof. L. has
no exception. He says also
that in we must suppose at decom-
position of the dichloride to binary
compounds. He said also that
black oxide is very readily red and
by heat by acetate.

by heat by acetate
+ pulling to red precipitate and
metathetic mercury. The fine
size of the granules. It is.

gr. likewise of it vapors leads to the same conclusion. The sp. gr. multiplied by 1555 must give us combining weight. That is we have it. Another argument founded on the sp. gr. of the salt. The sp. gr. of the salt is 1.16. The number $\frac{1.16}{1.03} = 1.125$ by the above $\frac{1.125}{1.03} = 1.12$ molar. $\frac{1.12}{1.03} = 1.09$ + Borzelius advances similar argument, and gives the same no. 101.

Non puro sometimes uses "sub" instead of "di". Sub is a vague term. It was found after the discovery, or def. prop. that sub carb. pot. was incorrect! Other examples of its being misapplied before its discov. of aq.

Formerly called proto chloride. This would be true if it had ever been still the case that proto was applied to the least compound.

Hydrogen chloride molar. Phil. pl. "inexplicable" in philosophy. "Molecule of mercury" "distin-

rich (very pale yellow)
(it is considered neutral) then
~~sulph~~ mild astringent
~~Galena~~ Galomela, 1616. But the name
had been previously applied to the di-
sulph ore (Ott it, mineral)
Its discoverer, or no know.
A. alchemists were acquainted
with it.

Donatine, found native & cal-
led long quicksilver & mercurial bon-
o a rare mineral

Buff white yellowish heavy
cake crystallized in 4-sided prisms
joined by 4-sided

Buff colored when fine by
levigation. The only way to obtain it
now is to buy it in form of crystal
from apothecary shops, variable

size. T. 2.

1st operation when taken internally
2nd deobstruent & 2nd cathartic
3rd emetic

kept its effect on it

Is it ~~an~~ an epizoic

Fig. 20. *Orchidaceae*, *diadreatic*

3 ex. in a copy - with orders
noted

122 For Carbuncle it is a safe
& more sedative agent (a mod-
erate or even moderate enema
less after bleeding) ^{gentle} may
be used in the morning to make a shock or
strong impression & interrupt disease

to increase susceptibility to other
terapeutic agents & to epulese excep-
tion.

(of little value to remove eff. sed.
fluids by a diuretic - it is slow &
not hyd. adj. } & co. to remove o-
underlying matter

It may be made to operate as an
aeroprotis, a laxative, a purgative
and a drastic cathartic.

It cannot long be used as an
aeroprotis or laxative or as
a purgative.

Most useful as a purgative.

It is also a good cathartic.
Equally coproagogue & cholagogue.

When diffused over an inflamed
bowel, it is always deobstruent
cholag. & analag.

The gall bladder will always
be found distended with bile or gall
after it has been freely given in a
acute disease. It is often at
tributed to a spasm of the ducts.

Engaging the liver is approved
to be the only way of giving extract
of the bark of the St. John's wort.

skin and promotes all its
actions,

It acts on the skin
and excretions. It gives
a purging dose

The irritant power is not
little valuable but as a cathar-
tic it ^{is} ~~more~~ nearly resemble a em-
etic than any other cath. in its operation, & may
often be used as a perfect substitute when ~~emt.~~ ^{indict.} are

When given as a cathartick it
soon ob. & be combined with op-
ium to keep it in the bowel. But
when we desire a long continued
cathartick effect give it in
small doses but it will al-
ways salivate sooner or later

It is in a healthy, or in vigorous
or salivated with ~~less~~ ^{less} diffc
than in low atonic ^{or} ~~or~~ ^{more} full
intem. draught

For this, it does in nothing
at salivate it is un-

postponed to distinguish

Soreth., it rarely purges, without any aperient effect. But Prof. S. has always found in it cases, to have been ^{of} ~~seen~~ the salivulated or to have a ^{of} ~~peculiarly~~ insatiable stomach & al. cur. in which

Given with douches, or enemas. or drapts &c. it will prove more especially diuretic &c. Hence the "drieger" part of the ancient prescriptions

Naturally a very slow cathartic - dose 5 to 10 grs

1. B. as determined it 1 gr. of effect in a day. by the smallest quantity that will produce its full effects

When hurried through the al. cur. almost all its aperient effect, &c. lost. It may also be remembered that its cath. operation is ^{especially} least in proct & operatio

Prof. S. ⁱⁿ his force as have always been experienced its good effects upon themselves before the piping began

Chloral has been called a stimulant, perhaps, because it produces ^{more} irritation & a mere ^{more} irritation & a mere ^{more} irritation. A single anthon has called it tonic. This is still more absurd as large proportion of our remedies do not either stimulate or reduce.

Mr. Abernethy says there are some patients whose mouths will not be affected & yet the system be under a medicinal action. Prof. S. has not observed such cases.

The system may be ~~at~~ or below the grade of excitement proper for salivation. There may also be certain states of the

system in ulmic disease, which
will not admit of salivation un-
til the affection of the system is chan-
ged.

Case on st. ~~syph.~~ syph.

Never salivated in st. syph. without suc-
cess - also in ph. c. also in Boston
utterly without success. Dr. Todd
put him upon a bottle of wine a
day - so force use of bark for a
week. Then gave him more
wine and salivated him in 3 days

Dr. J. never ~~at~~ never with the
case until he could not salivate
Perhaps by bark of wine, or a
tincture by Dr. Bunting a species of
the mercury - where is no indica-
tion for it - dogma that stimulants
must never be combined with mer-
cury. His use of wine &
bark to bring on salivation from
mercury has been long known in
London & Oxford. It has lately been
brought forward as a new discovery

Most of the baneful effects of arsenic
mercury in syphilis are probably owing
to not giving the proper concurrent etc.

Paris seems to be the only author who is a
man of the necessarily often of introducing a
system with some taint of indecency. And
even he knows nothing of the necessity of
raising the system.

Don't be too easily injured
but stand firm.

... dechloride despite a claim that it
blocks a ^{tr}uptake more commonly.

While it needs chlorine to be clean
it should produce the best in

the div. *Ptychosorus acutus* var. *pyramidalis* (L.) Schlecht. is called *pyramidal*. It comes in

strongling of the side of the head
check to the mineral compo-
tition. It often culminates in
a severe disease, apparently effect.

Actual salivation is never necessary - though it may be necessary to produce a slight one (unless ^{hostile with hostile or death} force, of course). Total loss of teeth facilitates speech, stiffness and incorporation, debility, loss of appetite, reduction of size, &c. May be it ultimate result more rarely a living death.

General Pyrexia is apt to be treated
in a light disease very ineffectively.

We are not to expect any specific
antidote. Yet upon the notion
of the absorbtion of mercury in the
body it is to be considered that the
mercury is protised. Sul. has a comp'd scarlet red
& yet black! - both are insoluble,
no such a colour will throw off a solid!

phlogistic treatment tried - and
with no benefit

Parva parilla (a weak decoction
supposed to promote secretion - and
expel it, for the kidneys, & spleen)
Prof. S. has often tried it for rickets
with no benefit whatsoever. He has
also, Glycerine, and gargaric - gen-
erally fail entirely in the early
stages, though they are useful in
the advanced stage to obviate a tonic
and relaxation

The frequent gargling of cold water,
or, often tea of very high tint, (the
Deli tea in general, &c &c), have
been found especially, useful.
But bitters, of the decoction of
Baphisia leotii (acridine - the
decocction in the cold cathar-
tic) has proved ^{one} of the very
best remedies, ^{in a strong cold fit} and been very pop-
ular with those who have tried it.

Glycerine, fract. s. l. are very use-
ful (so it is, on account of the

weakness, a strong cold suits better than
a moderate ^{extremely} if violent, & finally with 1/3

2/3 of turnp. with 8/3 a grain
a morn. Prof. P. has found very beneficial
very strong i. f. of dry co. jas, vulg.
does but very well (better & more
Coptis trifolia has been employed in ^{supine}
the cases, &c. &c. & stronger
by dinner. All these & others

typical but foliage (soothing) Violets, redoute
Split turnp., Cress, Turnip, Salsify
Milk, & rice (rather inferior) but
perhaps decoction of rice & barley
boiled long & strained are as good
as any h. c. cases. All these are very
gentle & will not upset.

Dinner is often directed in
mainly to keep up the strength of the
patient.

For 1. A strong & violent & open
cold best whileg. as a sop. should
be given in kindly. Milk porridge
has always been preferred for diet.

The most inconvenient effect is

~~English physician~~ ~~London~~

Called very properly *Erythrosis*,
hydrocephalus, but has no other name

Great affection of strength
by which ^{prey & racking} epigastric distress - want,
epigastric - quick frequent motions, tenesmus
from too much of cast of arteries.
cold & sudden furred
cold & trembles - perhaps sudden
rest upon exertion - occurs in the publ

Caused by perfect heat and
sweat in a severe fit. It
may occur before salivation in the publ

Eryth. vesic. was hydrocephalus
called ^{pernicious & impure} & ^{as} ⁱⁿ ^{the} ^{same} ^{time}
severe fit. But it is clear
in erythema. Vide Good. Per-
haps his var. corrosive is the same
with it; a better descriptor could
not be given than his description of
F. & es. Corrosive. A. B. in Erythema
you may always see vessels a smoky light
by a magnifier. For in Erythema is
in *Erys. & E. & Erythema are synonymous*
in a rash. Bateman criticizes
Bateman says it. in hydrocephalus produced
by other causes as cold - but that

for more or less on pustules

A. B. the effect of fire, frost, sun
burn, a eruption caused by an-
emia are varieties of erythema

preceded by sense of tightness, itch-
ing &c. about the sides of thighs and
Knees - or about the neck and
ear, most common redness & a
minute microscopic papule.

The redness spreads in large patches
over th. body. The papules run into
each other become larger and an
ulcer, corroding, discharging. The
whole body becomes raw, excoriated
clapped, stiff &c. In severe ca-
ses recovery scarce, lasts a week or
two weeks - and may continue
so long. For skin, it burns and
wax, burns off. In old spider
muj. cases, it is a case with
ulceration, the skin may
go off 2 or 3 successive days, of
scaly, ; later on, descriptio-
and every, good or

Proof. I have witnessed a distinct
readiness of the vessels located in the
tissues of the joints to cause by
inflammation, & in the
region of the mouth a condition
which has caused several ex-
tractions.

3rd covering the whole body ~~with~~
an irritative fever ^{general exhaustion} caused only
by mercury internally. It can be
traced to the following: Balaam's opinion to the contrary

Treatment: palliative (Bate-
man) - warm muriages with lotio
poultices - mild creosote after
excoriation - diuretics & opium
and finally mineral acids & laud.
Prep. of extract for the treatment,
he applies at first sulphur t.
1. t. of dat. & an a. & the latter
1 t. sugar, a dose carb. zinc (leps. calcar.)
He also uses a foment of digitalis
not about strong enough to exert
any irritation (perhaps when a red-
ness - now. 1 d. p. t) diffused, of the

2000 of dahur are useful also
Prof. ... for & of poultices, for a le-
sion, keep up the desease - by relaxa-
tion. It topical bath may occa-
sionally be dangerous,

it must be light and nutritious.
Prof. ... has generally found you in
recovery. He would always give a
poultice liberally. Arsenous acid
he uses in some way internally, & the
appetite is generally pro vall, & that
that this principally a suppia-
tive. The opium will not be a great
constituent, and if any castor oil
or aragonite - but often by not
being a necessary necessary.

Now, with something about me
Loring disagrees - prothrom-
bosis is a son. It br. I. Prof. L.
can say that we are

Dysenteria acutavar. hyalargyrea

It has the general characters of dysenteria
& this is more irritative & excreta. It ad. Et
I have seen it in all cases produced by the external

application of silver in moderate quantities
commonly called "rocking it in". In phil-
頓 I have seen it more generally brought on by
internal use in repeated doses. At least is
seen commonly as the abstraction of the calomel
& the vigorous employment of opium. For the ^{exhaustion} tones
& stimulates with opium may be needed.
(Sometimes give calomel ^{hair of the dog} & opium)
4th Sub acute mercurial rheumatism
Tend to degenerate into a chronic
state and into paraplegia. Resembles
this partly in ^{little or no rheumatism} ^{spasms} ^{or}
local aff generally about the ^{little or no rheumatism} joints ^{or}
sympathetic & irritative fever ^{erotic pains, always attended by the} ^{exac.} just right
in stormy weather. Brought on by exposure to
In the acute diseases of mercury
the physician generally gets ^{the} credit. But
the chronic diseases have more in poster a
attributed to them even than they deserve
many cases are falsely attributed to
mercury. 2 cases related of per-
man & lameness reported to have been
brought on by ~~mercury~~ ^{mercury} ^{mercury} ^{mercury} ^{mercury}
taken a certain of mercury one of

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the tea has enjoyed a long time with
bravest men. It is well known that
sulphur, and iodine similar effects
e.g. a perfect astringency as that of mer-
cury though a more gentle effect would
be the strobic effect. But mercury
& sulphur will produce paralysis &c.

Open ~~open~~ ^{open} cast iron alcohol &c. are
an instant & decided ^{the} treatment of the
sore arm.

It deserves, & is fairly manageable. If
water they approach it much. If you
use oil will ^{not} obtain ~~the~~ ^{the} other
use common - It is less sol. than
they are - from. "Lindley's Quaiacon
The oil, however, is not an oil a great
dinner will a great quantity of

5 hours, take (with, Good)
General elevation with debility, with
large, abundant, thick
(Winter Cullen, no Goods by, & others are worthy
of consideration being mechanical. The
visiting castillaries are, probably

your especially affected, owing ^{too} to
degeneration of digestive functions.
(The stuff about absorption of oil, in
classy, and alkalies, is poor enough.)
Prof. T. has found opium often con-
sequence (in Tabes dorsalis) than any other
remedy next Camphor, with
which also camphor &c. For cot-
ies, must be in small doses, frequently,
repeated to obviate lesion of nervous
function. Prof. T. has known a
disease closely resembling struma, called
hitherto (improperly) hydrocephalus - a
disease which does not exist - the effu-
sion being a mere sequel with little
signs. Illusions somewhere are the
common result of such disease - e.g. in
the peritonitis (produced in children
over by ^{2 to 4 times a day, & longer if necessary} excessive quantities of calomel,
and then much larger quantities of calo-
mel, would be given & produce an un-
certain dysentery from which still larger
doses of calomel would be given - & finally
the parents would refuse to allo-

time of age to overcome it & frequently practitioners, thinking that children would get used to it & eat. ~~water~~ water is in proper for children altogether care of a distinguished teacher in a large town.

When the attack begins, a large quantity of water, & give narcotics. Prof. J. has seen the same effects from a small amount of opium.

In irritation uteri - haemorrhage & other produced said when the Eng. Abortion, a soft lochia may caused by the said lochia produced from the calmed contained in cereal consider.

Fever - treated with mercury in great doses are a stimulant & will however irritation in uncontrollable diarrhoea.

Therapy often does more harm by its un-natural effects than good by its dearest.

Many practitioners now employ the vegetable constituents of use & many almost only as a stimulant.

ice. Lead is often preferable. It is
harmful only in a ^{large} dose, & then
Sanguivine is often preferable
& then, often preferable

Conium is preferable, for ^{any} ^{acute} chronic liver affection, &c. The phen-
nitides, are better tonics without
a drug at least as agreeable the prin-
cipal remedy. (The wash & caustic
~~can~~ use, even, of narcotics, ~~as~~ even
of opium, is less dangerous than
that of nitroglycerine, tart. em., mer-
cury, &c.) It is a rule of naval
& military practitioners, ~~not to use that~~
mucilage shd. not be used where
it can be avoided - it leaves the
skin exposed, for years, to sun,
exposure to cold; & wet &c. This ap-
plies to all cases offering liability to
exposure - as seamen, black as the
manufacturers.

(No remedy is ~~more~~ applica-
ble to greater variety of cases, than
opium. (Dr. Clapman says ^{whatever} one)

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Even at a later but - the earlier stage - indicates that colored organic matter (see T. Bond, on the *Geophysics* p.) already to try to act as a desiccator, is a precious one.

Practical application

Dyspepsia. It is also not a matter
of course that the best dyspepsia with
its effluvia is in the more. - Prof. G.
has never seen any benefit except that
in an expectorant or a laxative and
even other articles are generally
harmful. They are also extremely liable
to produce a ~~long~~ tender disease in the
stomach, & to affect the ^{digestion} & ^{secretion} of
the liver, & to affect the ^{digestion} & ^{secretion} of
the ^{digestion} & ^{secretion} of the ^{digestion} & ^{secretion} of the
liver, &c. But they are occasionally
useful for a short time. Occasionally
for a slow and gradual cath.
It should be employed in but in all
proportion of doses.

Coldicella leuca - important - often in
large quantities - especially in the early

stage - Large & visible protuberances, ^{use} ~~are~~ ^{are} ~~in~~ ^{the} ~~long~~ ^{state} ~~passed~~ into the secondary stages

C. Rhachialgia - rare find. in it seen
a dozen ³ eggs are often ^{seen} ~~seen~~ ⁱⁿ the course of 3 yrs ^{days}
way. Br & Pr. S. think Cor. & L.

of still more to red proce. & preferable
Coprostasis (disparthie) large do-
ses in the early stage but if it fails
give other remedies

Diarrhoea vulgaris a moderate dose
may be broken up by rec. by purg.
by almost any strong infusion
Sometimes Cal. Ears, in the earlier
stages by its deobstruent effect. It should
not be given in the latter stages. Dr John-
son thinks the washable British prac-
tice of purging protracts the disease
Colligualized (trophine, & chloroform)
& Quinoppel diarrh. also that of old
men Contraindicated calmed

Cholera vulgaris generally, though
a severe not a dangerous disease -
often protracted by trichiasis of the
broken up like diarrhoea by a strong
infusion - by purging - Cal

May cause it but debolent effect.
Fuffage of air may good before the vom. starts, if begun
so, often used as a cathart & safely

Because no purging useless. It is
of course unless in a stool or
dust while the evacuation one large
Pur. not indicated as a salagogue, nor
as a stimulant, to do. It is good
to change the sacrament, public lastly
the Liver & al. can, but before giving
it check evacuations with
as a force the reaction by stimulants
Give it in quantities short of the purging
point safely on on id with stimulants.

With either - one of the best article
Pebry vulgaris may be unable to
cause purge at all then in alter-
ation doses - combined w/ the syp. plan
indicate. But Conine will cure
more quickly and better. Though
even with this, a purge of cal or al
may be given at first though not purging
Paralysia a tractive - Conine is
better than cal or al - quinine is better
still. Give Conine & quinine. All

In cases that are the primary effect of malaria are best cured by quinine
the ^{use} ~~use~~ cure the sequel of inter-
mittent by quinine alone - Prof. T.
gives in such cases, common & genuine
diseases. Corpse (after a trouble-
some disease), an attack may be
broken up by a slow cathartick of
calomel ^{at night} Why should not keep
repeating it however?

Intermittent - If a cath. is needed at
the commencement cal. is the best ^{than an enema} & is better
Previous to the use of quinine cal is, often
necessary to stimulate the micturition to eff-
ects of the pure bark of a subt. pty-
alid - was necessary to keep up the
also in convenience however result from
the use of quinine

Remittent - Cal. is of more importance
than in intermittent - purging & often
a sedative bark is needed - after which
quinine will cure the disease in most
cases in a moderate & very important
T. nervous - perhaps only in more

malignant typhus, is calomel advanta-
geous. N. B. This is the most common
fever all over the U. S. (ever at the South
Territory of Dr. M^o Broderick.) Emplly
in the very ~~end~~ commencement of an
attack - say 3 grains once in 3 hours
conjoined with a diaphoretic regimen
so as to produce a subpyrexia - or
in one or 2 large full doses, with
a power of necessary ~~in~~ ^{under 15 to 18 hours} order to keep
it from purging - the very best mode
of breaking up fever. If we are
a little too late as of the cal. passes im-
mediately off by the bowels, then give
more & produce a subterficial
action for a few days and conjoin
milk tonics. ^{the digestives will be indigested & absorbed} as do not exist
milk purging - left the universal deb-
ilitant effect of the calomel. Proceed
thus 1st the cal. tan. It is ^{not} better than any
other cat. Even if the disease is
completely broken up, yet the patient
should be carefully attended to & treated
like a nice person. Prof. S. has resol

and 8 cases out of 10. in which the disease has been fully pronounced. Some of his friends think they have overlooked a greater proportion. Dr. Todd. Prof. 13. Bird. and so. But it is disease malignant, and so it the pat. has tampered with medicine, or put off the employment of a physician. We all know Delirium tremens - sometimes, eat. is important - where there is insusceptibility. Sing a full dose in common chlo' with opium will produce sleep with more certainty. But in the exhausted and broken down, it will not do.

Yellow fever - agreed to be important difference of opinion as to mode of management. Prof. T. finds neither purgative nor salivation necessary. It is agreed that there is not generally time to salivate. Alkaline in those cases, in which there is great loss of insusceptibility of the system. It nearly a total suspension of sensibility, & stimulates the case in one of the most violent and

one in which begins with diarrhoea
cal. & will be relentless.

In the other sort of cases, tropical
writers have given 1000 grs. in 4 days
without saliv. or purg. Prof. T. has
given 400 grs in 4 days without case
either sal. or purg. In the same case
he ~~gave~~ applied a $\frac{1}{2}$ lb of balsm on the chi-
gystom or a half a large balsm
at shoulders 2, a quarter at large, above
the ankles 400 grs in molasses, &
a teaspoonful once an hour. Patient
extremely delighted with the effect of both
The art. would probably have rejected
a whole spoonful of balsm tea.

But in other cases a grain of cal. would
pass off in half hour. In this case
he balsm by 6th post 4 days quinine
and a moderate use of brandy

In the secondary stages of yell. per. cal.
is generally serviceable

Opium in tablets, &c else, useful
as in t. nervous

Syrup h, - cal & c, scented,

needed for purging - ~~soo~~ of ten or as a debatement. Most proctotomies bleed pale and purg., and have to stimulant. or have protracted and relapsing stages. Enteric phlegm. phlogistica
Depletion. ventral salts, at first - afterwards use cal. bals. & a small amount. Take it; or pound of cal. tant. and 3 nut. poles. is the very best compound vary the proportion to suit the case. Determine the proportion just as if you were giving each separately. Especially important is this practice in Cephalegia - still more so in pneumonia. In Enteritis bleeding is still more necessary - ventral salts will be rejected. Calomel is the article for purging - give your calomel clear to keep it from being rejected. This is the only cath. you will succeed well with.

Abonic phlegm. phlogistica
Calomel is very not important - no bleeding - not so much purging -

Prise erythema ati gangrenous, phlegmotic (e.g. of fur esp) cal on. is injurious. Cryst. cephalitis of prse on by cal. is of 2 m. in prothane unless they are gangrenous.

English emboitism is apt to have a dis-

to who generally have a diarrhoea cal. apt to purge ~~coo.~~^{1/3} especially red precipitate are better. Of late years Prof. T. uses Camum - even in some cases in draren doses.

Arthritic phlegmata calomel of high importance. of late years Prof. T. has often gone back to the calomel practice. Case after a few in joints with redness & swelling extreme pain

Cal. Sopium until the pain was relieved. It took 60 grs. of Sopium with a diaphoretic regimen next op. 3 opium. Then a little castor oil to bring away the cal. Minely alcohol & cinchona. No case in less longer than a fortnight under his practice. Next Prof. T. employs veratrum viscid. Next he employed Colchicum - but it was inconvenienc & he has known persons cured of the rheumatism by colch but killed by the subsequent aconitum. Actea is the best. See ginseng Digitalis some Camum. Calomel with these.

Men branific phlogotice - Croup
Lystentis - cystitis - Calomel
is universally agreed upon - except
in Croup between these though no
either will cure. Cal. is better or
rather best. Prof. T. has ceased to
use it in his or - croup by family
Hannover, phlogotice. These words
are a case according to the general
rule that Cal. more applicable
to acute phlogotice

Several phlegm. not referable
to these divisions, Influenza
Pneumonia not the
Cholera infantum
Dysentery - death is made of Isaac
in ~~one of the~~ ^{one of the} cases
in which it can be for a different case,
In some epidemics Calor et c. is inadmissible
Case of the epid. at Almida. a grain of cal.
or of ipecac. would bring back all dysentery
- he it took 40 grs of opium a day to
keep the disease under trouble ^{the sellers} - the country
Epidemic (Egyptian) ophthalmia - a
bad disease ⁱⁿ which even a poor

be followed at first & all out & dead
bad. & Purge with cal-
or & Give cal. Sop. Bring it
system immediately under ~~heat~~ ^{heat}
Treat like tropical Syphilis. Con-
tinue acetate

If arganous purpura. Prof. G.
he never met with a case in which
it was admissible. He does not doubt
that they do exist.

Typhous exanthemata (Phlegistic
exanth. are talked of but not des-
cribed - authors do not even sup-
pose the phlegistic except a short
time at the Onset - Typhus
exanthemata can do no more than it

Lees Syphilis. While it exists
as chancre and bubo only, it is
purely a local disease and may be
cured topically. 3 to 6 weeks, or even
longer. Saliv. is necessary to cure
or through the condiloma. Some
use both, but the topical one then that
cure, even in this case. But some

claim that the absorption is pre-
vented by the const. toxic. You need
not, however, be thus pre-^{vented}, by
anticipating the power of absorption
according to the regular laws of the
disease. Mercury will not re-
main topical of disease without
a sub-salivation. Many practitioners
support patients in a long time
without sub-salivation. But this may
be pronounced in 24 hours by an or-
ganic humor, or, perhaps even a guinea

Poof. O. T. has never known the
const. eff. follow. - he the disease
had been cured topically. Even if
they do not well be time enough to
treat them when they occur

Mercury will cure in a day the heal-
ing of the topical affection.

Then the father or mother, infect
their offspring without having symptoms
of the disease left on their selves, and
the children have a general syphilitic
affection the affection of their ances-

gent children may be presented by merely realizing the power of a curious fact! Prof. S. has sometimes cured such children by common & corr. sub.

The new way of treating syphilis has yet to a man to great prejudice taken the East. comp. have appeared probably cal. is the best very. The others (corr. sub. & red poec) do not work so well. A sub. physician is necessary

The above is a very imperfect account of the therapeutic application of cal. It would require a volume to exhaust it & best

One in the 1840's or 50's
a child always syphilitic or
typhus. At a phl. 00, per-
haps has a nervous fever & convulsions
S.P. (after a phl. by Dr
Hawkins) is not a fine & quiet

Erythematous cephalitis is the dis-
ease described as a fatal complication
of the lead - but the eruption comes

not out till 2 or 3 days have elapsed
and then it is slight. Other exanthematic
eruptions are attended with
eruptions, somewhere - that of the
lung (lungs) is on one or both exten-
sions. ~~various forms of~~ ~~the~~ ~~various~~

I have never known Calomel thrown
up when put into the mouth & swallowed, with the ^{saliva}
From Dr. Dugay.

TONES

Practically measured strength of action
in 2. broader parts of the body - e.g.
appetite, digestion, pulse, muscular
functional action, ~~removal~~ mobility & or
vitality of atony.

Mr. Bennett pays all strength
depends on strength of digestion. - But
I measure strength of part. act.
from arsenic & in claim before day
we can app. of digest. - others favor
it on a white digestive & subaged
as we eat it. Hence an important
rule for selecting tones is to find a
rule, e.g. Lotion etc. does not
require to thermal effect by a man

very apparently. Prof. T. M. and the ^{above} of
~~the~~ *Urticaria*, *Urticaria* and *Magnolia*
ones, do not exhibit especially a
sl. muscular system - they certainly
increase sl. in the class of the cell.
i.e.

(All times whence art. energy
those articles act on parts of the system
without isolating the arterial syst. are not tonic.

Prof. Dr. H. Denyer thinks
that locusts produce a new abilit
They have now a back ^(horn) aged 2 years
years with a crest of strong spines

Bitter are not necessarily
metallic acids are so but

Some tonics, as cascara? bark of croton tiglium? &c. cinchona? jamine? require liquid food to make them sit well upon the stomach. So also require dry food on exhaustion of fatigues. Case of a traveeza or labor. The above tonics appropriate to rheumatism, & muscle

10.2

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A desire or a knowledge of this principle
is internal, for instance, you will not
be able to swallow food properly, or
have a sense of distension, nervous sensations, &c.
If you excite the appetite, the stomach
must have something to act on.

Tones are indicated, as do
the others of all atomic, debilitative
diseases. They are better moderated
than any other articles.

Groups. 1st tongue area in -
stria. *Stenocercus* ^{of the slope} *excellens* (guadalupe)

Leave up, full, Columbia
Menyanthes trifoliata Black Bear
Helenium or tunicata
Gratiola or see - here on marsh
few articles of as good & cheap as foreign
grow as a new resource - Indians

purple, 'bark', Hoarhound

Sympetrum or *leucostigma*, *luteum* ^{luteum} and
(*S. virginicus*, small leafed, but is
Baltolia nigra nearly allied to Hoarhound

3. *Artemisia macrotrichia* ^{Barb. of} *Cera-*
myrsinifolia ^{the rest of the genus} *Artemisia*
obovata & *macracarpa*

Pennisetum vulgare, ^{parts of it}

4. ^{4th} *Artemisia abrotanoides* - though
these are nearly *abrotanoides* & *art.*
Cinchonae - a large num. of species
Corni *Citriodora* probably best
next is probably *C. cirsifolia* & *sparsa-*
ulata ^{so. Florida & Tex.} *Pinocia* *P. alba & tenu-*
itoria. *Alconia latifolia*. *Baileya*
cornuta *Alnus*, *set-*
racina (may be used for *cinchona*)

5. *Anemone aromatica*

Guipia off. (Myosotis) *Magnolia* ^{shall}
glauca *umbrella* *cordata* *Sc. & C.* ⁺
(elegant aromatic, intensely bitter)
Verticordia *lirioid. liliif.* *Glicine*
Gloriosa (both are also bitter)
Croton elaeagnoides & *Cascabela* & *var.*

Sp. alba (cascaílla). Laxaria erosa abe. similar
to *Geya erosa*, squarosa, porcina
alba (pungent aromatic accord - resembling
one of *geya* spp.).

Platia trifoliata bark of root & top
differ considerably.

Herbs & plants for medicine less bitter

H. bicarpum & *H. clavatocarpon* (most
rarely) (Dormi winter)

1 bark - resembles canella
2 or agreeable - also a spice, dry
me of several other species

Carella alba (called *Carella* also)
G. Tonic an a laxative.

Federa cordatolia (much used
by the Spanish as a cicare, the root)
Engelmann sandrea (Banda cello)
Clerodendron vanderleei (mace root,
now a galactagogue &c blue & yellow)
Eupatorium perf. Sosthenea

Polygonatum multiflorum (Engelm.) L. B.
but may be taken as a tonic with
being la ^{excitative in dyspepsia} tive) A good bitter tonic & a
gentle metathonine. Visions poeps.

4. *Ammonium* *silphium* *potash* *soda* *Nit. silver*
5. *Ammonium* *silphium* *potash* *soda* *Nit. silver*
6. *Ammonium* *silphium* *potash* *soda* *Nit. silver*

Arsenous acid

White oxide of arsenic

~~Th~~ The word arsenic occurs, first in
Lustrocoches - & applied to a sulph-
uric acid of arsenic in composition,
Arsenous acid recommended it
internally.

The arsenic scale is now known to
arose from the arsenic which is the
balance condensed in the tube & for-
mally called metallic arsenic

Arsenous acid is seldom formed
by chemists. It is collected by the
miners of ores

$77\frac{3}{4}$ parts ^{are} soluble in boiling water 100 parts;
in cold water only $2\frac{1}{2}$ parts ~~are~~ soluble in the 100 parts.

Composition 2 lbs. 7.6 3 lbs. 24

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In uniform of small doses, re-
peated - acts on circulatory system
as tonic - increases heat (x atonic collus
secondly) it increases appetite
dig. power & accelerated - after removing
in disease muscular power.

Dr. Follett in his monograph says it acts first on al. can - but its first perceptible effects are upon the sanguiferous system. No doubt it acts first on al. can but so do all remedies. Give sufficiently & certainly affects it sanguis. 2^d st. before the app. & digest. The give in insinuating &ounding doses it of course first on al. can.

More especially than any other tonic but less so than H. stimulants. It may be made to show its effects in 24 hours. It thus resembles an emetic & with effect in ^{the} ~~the~~ ^{the} stomach.

It has the remarkable fact that it has the power of restoring warmth to the face - though with no distinct relation to its tonic powers. Prof. T. has witnessed this, probably 5 or 6 times. Some patients have thus been saved. It may fail thus as an ^{at} "analeptic" like other analeptics - in extreme last stages.

This which seems to be an ^{alkaline} mixture between tonics and stimulants

In larger doses it acts on the whole rec. & abs. syst. - affecting the skin - tumours - ulcers &c.

It is strongly anti-spasmodic - relieves ^{hence sedative} ~~hence expect.~~ & ^{not diuretic} - It is useful in rheumatism - & ^{especially} in cholera. ^{especially} ~~especially~~ or diaphoretic.

Acts on the brain & spine more than any ^{of that too a remedial class} other tonic, or

No other metallic preparation produces such strong tonics &c. This operator has ~~had~~ no name nor classification. Prof. T has seen however similar preparations in domestic animal's for oxide & carb. of zinc.

Crede carbonat &c. & lead act on the nervous system producing ^{ca} crede & chalcogia. Crede and carb. of zinc have been ^{called} mineral ^{called} poisons - and th. must result ⁱⁿ ⁱⁿ operation on the nerves so they will not produce local irritation

Le lobe granulaire, lax at times &
irregular. Le lobe granulaire, lax at times &

Extensively applied it may
be made to cure enteritis, a disease
of the ~~lungs~~ ^{lungs and} esophagus.

Potter ^{Walti} says it is in certain doses it
is laxative and excretive ^{it increases} force
of bowels of pulp without soft stool. It had
no adhesive, phlegmatic properties. It can
change secretion and absorption. It can
help the bow. not diarrhoeic nor dyspeptic
children, best larger doses, than adhesive.

G. Pharis. "tonic, alterative, expectorant"
Dr. Frost of M. & M. Charlesto says it is
useful only as a tonic

The injurious effect of the acid
is long continued, rather than by a large
dose (so two of the lead). In acute
diseases at larger quantities are given
in sequence - long continuation is chronic
antitoxin to enable larger doses to be taken
- generally often in acute and rare
in chronic. ^{beginning} ~~and~~ ^{and} of which
assist it. When used freely, carbon
liquefied & formic acid are to just

as a genuine stimulant.
A Philadelphian thinks it were
best to moist not much for de-
bility for his patient except at noon etc
and perhaps Sulphuric, or even soft copper
would be best. as much. Even cinchona
may be give in nonseating doses and the
Marrubium give on坐着 of course
Cathart. is of itself a refrigerant. We
cannot class together articles which agree only
in nonseating. Who would think of combining
viperine with castor. art. art. 3
order. are thought to agree a little anti-
sweat powers but the former, a very
diaphoretic has no antisweat power
but of whatever. Prof. S. came to this con-
clusion from observation before reasoning
at all upon the subject. They both act upon
the skin, but in different ways. So be
sure some practitioners, past use in
an phlegmatic case, may use refrigerant
of the sun may might help it so
be managed. Now a kind of exper-
imental consider that arsenic can not be

under pathologic cases.

Some specific disease act only by producing its own specific disease but it may be made to cure disease without any of this effect though this may sometimes be necessary.

in place of all active medicines & when so placed they produce diseases more or less specific.

Some drugs however act in a manner incapable of classification. If they call it merely alterative. But every remedy must ~~act~~ ^{either} alterative operation or one sort or other and it alternative operation of course resembles that of sulphur & of the mineral tonics.

It seems to be fashionable with some to deny the pathological condition of the disease in the actions of the classific. of M. M. & they reduce to every thing to ^{specific} alterative overcome by another specific inert action. Prof. S. thinks that all the operative of remedies may be classified

Entom. indicates, the refrigerant
A tonic stimulant &c. &c.

Rec'd. arsenic & tart. boric sulphate
ability in arsenic so. to the 1st in
9th abdomen & curing cutaneous
diseases. Cancerous, ulcerous, mortifying
lesions. f.

with 4th emetic 5th susp. past.
it was called ischeric & anti-pur-
plic.

Prof. ... thinks of far less injurious
its effect, than
polygal sericea. Com. & gal. - smaller
& tort. em. (Hive syrups made of
these tholls, does more injury in a year
than arsenic ever did.) Tort. emetic
passes many deaths, - and it never
does, when given as a medicine.

It is accused of producing
in ordinary medical quantities a
so. long contained in it a dyspepsia
malaria, &c. But the same accu-
sion, has ^{only} been repeatedly made against
none.

It will never succeed in

give such by dash & so as to
make by long frequent and
easy as possible

the longer the
to live away. It produces a pretty
swelling of the skin, of a bluish
color, and is known as Dr. Potter's
swelling. In this case the
swelling is caused by the
action of the body on the
skin, and is easily cured by
the use of astringents.

He says new calages in a oils are good
for men or in libot another is

sulphur. sulphur of potassium
He directs to cure all the complaints & the
heat on general principles. Give
Castor oil, &c. ^{Dr. Bartlett gives}
or expt. ^{asthma & metallic taste} Mols. or ^{greta} a dose of
nitro-alkaline - dysentery, distress &c. &c.

It seems to be capable of extinguishing
inflammation without any of these effects. In a
transcending dose vide Co. file for a case
in which too voluminous doses will transcend
its tonic effect &c &c.

Acidous acid retains its full
powers in every form of combination,
so far as its identity as an acid in com-
bination is preserved; so that, if you give
a salt of it, enough to contain a given
quantity of the acid, you get the
effects that you would if the acid were
isolated. Hence the obj. of giving
"Chemicals", as directed by the toxicologists.

¹¹⁴ The sequelae are dyspepsia debility
paleness. followed by &c &c.

Plane as per

1st debate on bill to ban ads.

soap gr. 16 min. in pot. 120 div

1. 7. 13 " the salt it grows on. It comes
from a thermal spring. There is a
very curious & prof. ^{the} collection
of close varieties for you to judge.

3 or 4 to everyone (acute disease)

in class. denies Yuge is this a day
of premium of Yuge. an unclue

Testo by mouth in 24 h constant not go
so far as to do the ^{test} is a ~~test~~ ^{test} ^{test} ^{test}
general improvement in sept. platelets at 3 to 4 h
for cause of infiltration of epithelial cells
test that pass by twice
under each eye a ^{test} ^{test} ^{test} ^{test} ^{test} ^{test} ^{test} ^{test}
stuff in epithelial cells & backs in nose as in
days & not vital in this case with infiltration
of epithelial cells in nose & ^{test} ^{test} ^{test} ^{test} ^{test} ^{test} ^{test} ^{test}
+ up for left & double a grade 2 cell
body or other disease etc. all good
in if and left off. eye at
several days after injury. They are
indicates a discontinuance

Generally swelling appears first under skin or back of hands or wrists ^{10 to 12} hrs. after known. the disease a week with no injury.

The salts of arsenic, acid have the same effect as the acid & with same quantities of acid.

2 vols. Liquor arsenic. Extract of potassium tartar &c &c. Solentiv. Powdered Rx ars. ac. ^{white} powder
1/2 pdr. carb. pot. ab 64 grs.
distilled water $\frac{1}{2}$ pint & add $\frac{1}{2}$ pt. Spt. Sars.
ab 3 pds. - Boil & add ^{the} Spt. Sars. then
add water enough to make up the pint.
(Better add less than a pint at first - say
14 $\frac{2}{3}$ of the first & to a pint) This is
Fowler's original formula Phil. pharm.
U. S. ph. gives arsenic ac. & sub carb.
pot. & alcohol!! The compd. spt. Sars.
has advantage of giving less color
etc. Case - a colorless & tasteless
sol. of ars. bis excreted by Dr. Garrison
a leprotic patient. He refused to take it
longer as it was nothing but water. Dr. C. told
him that it was of he refused to take it!
This preps. gives 1 gr. ac. to 2 fl. $\frac{1}{3}$

of liquor be on 100 = 712 gr. + 15 gr.
18 gr. No. B. It is better requires
a smaller dose. It will bring
gradually dissolved

The liquid preparation, if once made
be kept closely stoppered and免 from
the light, for the drug is precipi-
tated in it sooner or later of the bottle

The decoction will finally take
place under any circumstances

Pills should not be given after they become
hard. Prof G. de la Japin and others know
of him this has brought much trouble. Pills
or in 3 conserve of doses may be cut & polished

Pt. arsenic, &c. 3 gr. Sulph. min-
zii & l. morph. 15 gr. ol. caps. 3 ls.

Ext. daturae. q. d. for a assa in pil. 120
div. C. B. Stones are com-
bined with advantage and ^{neurotic} ~~aromatic~~
is advantageously combined with arsenic

This pills does not harden. It answers
extremely well in the ^{neuralgia} ~~aromatic~~ &c.

Each pill 20 gr.

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Therap. appl.

1st Phytol. ac. var. hydro. with
secondary & advanced stages the above
chronic congestive to the frequent
rests - also useful in early stages
be not too volatile give in tincture
mixed with mastic, & root in
parched twigs

Phytolacca in tincture var. Schirostachys
coupled with conium

Urticae, acris var. oblonga - coupled
with op. conium & capsicum

Timosae hyperborea - Prof. T. has always
used in various cases. So has Dr. Todd.
Who couples grasses & juniper. Sometimes
he couples conium or conium & rect. acids
So has Dr. Reed who adds conium,
dandelion & plumbago preserving
in its root form long time - Dr. B. Day
he takes from long time, employed in the
viga. long. conium & capsicum -

Prof. T. has ever a cold plaster and
with it alone - preferring it in plaster
by arrangement of a tincture of capsicum

300 cah. or 90. gr. per. 120. - often
adding more cocaine - it gives cocaine
in capsule form - a ~~strong~~ ^{strong} tincture
the presents, for remote

Dim. spumaline may always be
used by this article alone as can be the
Dim. Sycophatica (Carduus L. s. cop.)
herbaceous, an ~~ad~~ ^{ad} important
in capsa etc.

Cat. strach. contained in it opium
and keep it suspended by a string. Open
it about a 1/2" and suspend it above
in the disease but will not a whole
time and then a forceps of cat. move
it away - cor. 2. b. better - Prof. a.
fig. red rice. better still. Strach.
honey bell. 1/2 gr. 5 gr. cor. in the evening
. . . 1). 300 gr. S. has given 5 gr. red rice
earlier 20. has been given ^{that} in the
forenoon has been given 1 gr. doses

There is something peculiar as to the regulation of min. and max. quantities
Great doses of this have been used with opium
Opium should always be on hand.

40 gr. of Styrchnine are admirable
for the removal of the ^{thorough} stool, hi say else - with care,

Coleo callosa var. schistosa
Cysticercus cisticola (A. It is probable that
 all, for its cure by string a finger
 merely. The originally incurable cases
 of the trifling ^{and} should be examined) - perhaps
 along with other articles of value in re-
 medy with the danger than can be stated.
 A helminthia insisted on by Dr. Potter

The variety of this disease is not speci-
 fied. It would scarcely be probable to
 meet with it in any but N. Taenia to
 improve it considerably can - relying on
 carb. of cl. for to remove the par-
 helminthiascicaria (flukes or ground
 worm) - rather a rare & a very ob-
 stinate disease (A. P. in sheep the fasciolaria
 are parasites in the liver with ducts con-
 nected, & cannot be wholly cured by
 carb. ashes - may not this be the case
 with human - Prof. T. has never known
 a case of complete cure - arsenic does
 much the most good - second to be by
 far the most efficacious remedy
 Helminthiascicaria - probably

Paraceraschizidium of *Paracerasidium* and *Paracerasidium* *strobli* - one ex
cept a single grainy cushion,
consisting of one sibine the preparation
of which is *Coracidium* *strobli*.

Per Curia sua - a boy known and a
well established party - ~~co~~ - in it.
one which has been ruled absolutely
by Party has often found and. pol. alone
of the other service a segment of hiop. or
Pulson it had - very little room in -
perhaps it best suited in balance. It
was taken with convenience
than work - and the latter cannot be
given ultimately to small children
Vide God for its history. The inst. -
of supposed disagree - with particular
does are mostly only of too large does
for it public service and the
of the 1880's 1881 - 1882 - 1883

Give 'em 8 doses in 24 h. instead of 1, 2
or 3, & give a dose every 3 h. for two
gives a finer, at the hours of 3, 6, 9, 12 & 3 P.M.
(V. B. ~~10~~ ¹¹ ~~12~~ ¹³ ~~14~~ ¹⁵ ~~16~~ ¹⁷ ~~18~~ ¹⁹ ~~20~~ ²¹ ~~22~~ ²³ ~~24~~ ²⁵ ~~26~~ ²⁷ ~~28~~ ²⁹ ~~29~~ ³⁰ ~~30~~ ³¹ ~~31~~ ³² ~~32~~ ³³ ~~33~~ ³⁴ ~~34~~ ³⁵ ~~35~~ ³⁶ ~~36~~ ³⁷ ~~37~~ ³⁸ ~~38~~ ³⁹ ~~39~~ ⁴⁰ ~~40~~ ⁴¹ ~~41~~ ⁴² ~~42~~ ⁴³ ~~43~~ ⁴⁴ ~~44~~ ⁴⁵ ~~45~~ ⁴⁶ ~~46~~ ⁴⁷ ~~47~~ ⁴⁸ ~~48~~ ⁴⁹ ~~49~~ ⁵⁰ ~~50~~ ⁵¹ ~~51~~ ⁵² ~~52~~ ⁵³ ~~53~~ ⁵⁴ ~~54~~ ⁵⁵ ~~55~~ ⁵⁶ ~~56~~ ⁵⁷ ~~57~~ ⁵⁸ ~~58~~ ⁵⁹ ~~59~~ ⁶⁰ ~~60~~ ⁶¹ ~~61~~ ⁶² ~~62~~ ⁶³ ~~63~~ ⁶⁴ ~~64~~ ⁶⁵ ~~65~~ ⁶⁶ ~~66~~ ⁶⁷ ~~67~~ ⁶⁸ ~~68~~ ⁶⁹ ~~69~~ ⁷⁰ ~~70~~ ⁷¹ ~~71~~ ⁷² ~~72~~ ⁷³ ~~73~~ ⁷⁴ ~~74~~ ⁷⁵ ~~75~~ ⁷⁶ ~~76~~ ⁷⁷ ~~77~~ ⁷⁸ ~~78~~ ⁷⁹ ~~79~~ ⁸⁰ ~~80~~ ⁸¹ ~~81~~ ⁸² ~~82~~ ⁸³ ~~83~~ ⁸⁴ ~~84~~ ⁸⁵ ~~85~~ ⁸⁶ ~~86~~ ⁸⁷ ~~87~~ ⁸⁸ ~~88~~ ⁸⁹ ~~89~~ ⁹⁰ ~~90~~ ⁹¹ ~~91~~ ⁹² ~~92~~ ⁹³ ~~93~~ ⁹⁴ ~~94~~ ⁹⁵ ~~95~~ ⁹⁶ ~~96~~ ⁹⁷ ~~97~~ ⁹⁸ ~~98~~ ⁹⁹ ~~99~~ ¹⁰⁰ ~~100~~ ¹⁰¹ ~~101~~ ¹⁰² ~~102~~ ¹⁰³ ~~103~~ ¹⁰⁴ ~~104~~ ¹⁰⁵ ~~105~~ ¹⁰⁶ ~~106~~ ¹⁰⁷ ~~107~~ ¹⁰⁸ ~~108~~ ¹⁰⁹ ~~109~~ ¹¹⁰ ~~110~~ ¹¹¹ ~~111~~ ¹¹² ~~112~~ ¹¹³ ~~113~~ ¹¹⁴ ~~114~~ ¹¹⁵ 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more & better give injections than cast. if the bowels are not 2 po. (or even 3) moved once in 2 or 3 days. It is well known that a stallion, & y. is a neighbourly care & practice in barren f. & Co Gaud's case of Cornwall is not the only one known. The dose shd not be large ^{say} & not quantity as to produce ab. tests after a few in 2 h. never less often than once in 8 h. sometimes once in 12. always conjoining spum. (which itself will cure uter.)

Periodical remittents as a specific compared with quinine as an intermission, though not so important in the former than in the latter. It is even said to be more unfailing than in tert.

Tippys nervous - Dan's absolutely to be the best tonic - better than quinine to be given to check coldness & cold sweat & to change & rectify always when necessary, to be macerata - always conjoined with a gr. of food - perhaps with a voiding ^{or 5 drops every 3 hours} sometimes 2 drops received 2 hours - see

but is more something else.

Typhus dyscopalis - vide Daniel -
de Mauviere in every epidemic.
It has been used
Anthrax brumalis just as for gangrene
Coryne a gangrenous - but sul-
quing is the more consequence
Coryne a anatomica - saved several
lives known to Prof. T. before quinine
was discovered - in one case 10 drops
an hour. In but one of several cases, while
Prof. T. ~~then~~ ^{now} has known ~~there~~ was no
there a fracture - all of them resulted
in an even. recent subjects - one case
given by a strong sensation resembling

^{of the fore-arm.}
a minute discolored spot on middle fore-arm.
Ophthalmitis ^{very} ~~long~~ palpebrae (which exists)
probably would cure. it affects the eyelids
such as: stroma (gland, of neck;
cephalitis, stroma - greenish exudate;
littoral of cephalitis highly rare

Paristrema. erythra. var. partida

Pneum. typhodes, erythra. & synopala
& partida (gangrenous) & catarrhalis
Pneumonia articularis var. atrocaerulea

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To arthritic corditis, diaphragmitis, &
gastritis
Cholera infantum

Gastritis, aphthosis (Prof. T. has
seen two par. ex. I stored
whole (in affected)

Pyrexeria typhoides in the latter
stage, with opium - eve in the
other stages, Prof. T. has known it
beneficial, can be used with opium
laced instead of calomel.

Mesenteric, & humoral (Endemic
hæmorrhage glands) may almost or quite
be cured at the early stages. The acids
guanine, uric, cantharid, conium
(especially artemisie)

By Engl. a. p. of liver (hepatic, typh. car.
putrida) in secondary and exanthematous
stages. So in punctuated typhoides
var. malaria

With varieties of the malarial
so a stage have in the abdomen, & the
appendix & rectum

One var. of liver is philippine and
other is erythor stoned not in color & ex-

poorly. It ticks, and a very fine
double disease would be seen
on account of such a body can not
after depletion produce the opium
conium quinic alcohol conium
a class disease.

Such a phenomena may often be
seen in arsenic also. The tick
harmless red species, cured with
arsenic, is the best article. The
variety of this disease produced by
arsenic are especially benefitted
by arsenic.

Chronic stage of acute rheum. be
affected by arsen. but more especially
by *Ascalia hispida*

Paducah Corralito (Artemisia) root (bulbs)
a form of rheumatism resembling it,
(Inflammation, torpidity)

Rheum atropurpureum filled with conium
& very delicate, more adapted to an
acute - particularly the dry & an
early tendency to paroxysms of fever being
but should then be combined with oil.

harm, &c. &c. Scirocco for t. caps.
 Cayenne conch, & many "do."
 "collected at another place" -
 Sciatice useful, & dermatitis
 relieved by many who speak of
 "hotter ways" as being established
 "in daily use in the Isle, of Jersey
 Crete, hydrocephalus, & tubercular
 rickets. I have known & seen work well
 Syphon, Syphilites, & Syphiles (vide Good)
 much used in the East (vide Good)

There is no doubt of its efficacy in t. syph.
 It does. Perhaps, there is doubt as to its
 Syphilites. Today, it is peculiarly
 salutary. It quenches a pain;
 & it relaxes tension, &c. from Syphilites &
 excessive use of mercury. ^{Years}
 Useful in Syphilitic eruptions.
 Cancer vulgaris highly fatal unless
 it has double exposure to the sun &
 a cure. It suffocally it in a way
 is that proctitis, & anorectal
 in a burrow - after plighting to it disease
 by storms - and not exposing it pro-
 longing or ides & menses. Cancer:

a disease of the eye requiring a poultice.
 it is a disease of the abscesses - never
 of the eye living & going. Prof. T.
 he, however, it is employed & it health
 improves. But Soda is better
 & not after a dose it is ~~more~~ considerab.
 ardine & rest to iodine. (vide Good)
 It is the basis of almost all recent
 remedies for canker. of course caution
 is required ~~for its use~~ ^{in its use} there is no
 foundation for it notice that the eye
 gets accustomed to this very easily &
 never to be affected by it in such cases
 the dose should be increased. Similar
 application, we made respecting sum &
 with no foundation. The great objection
 with authors has been that they sup-
 posed they must give it alone & only
 twice a day Prof. T. has witnessed
 several cases of a guarded cure of others
 of a cut incision and a ligation
Chloranthus arabicus has been
 highly successful (vide Good) used
 in the East with a considerable quantity

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of black pepper. This proved beyond all doubt that the disease has been more or less in Prof. S. has known a few cases and all were cured by arsenic alone.

Succinie Indigo - Prof. T. has seen several cases and Good has done well in associating it with Syringomycosis. What is a phlogotaxis? These cases were cured by arsenic alone.

Tercuric Sphacellos - arsenic seems preferable, perhaps, to look thought not to quinine. Prof. S. has known gangrene at tips or of paralytic characterities cured by arsenic.

So low of gangrene after typhus

Gangrena necrosis (dry gangrene)
Gangrene ~~and~~ established in elbow
in tip. recommended arsenic only for
Hypocondriacs - seen in few

Fishes & Tetanus - Arsenic & datura & opium have cured bad cases. will Prof. T. Journal of Medicine. Prof. T. has known several cases of cured by it.

active ton of 6 - inf.
 Neuralgia faciei - rare, fact. sc.
 - but generally it is badly, in an aged
 case, case may be cured by gummia
 alone - arsenic alone, opium alone &c.
 but generally a combination should be
 used. N. B. keep the part under
 influence of it all the while
 & rarely during hypoxysm

Blowing palpitation & angustia are
 generally relieved by arsenic
 & gustas of typhus & bronchomritis
 typhodes is best relieved by arsenic
 in case of 200 drops in night
 cloaca sweating, cured by this
 with Strophanthus, gummia &c.

Hydrocephalus - in case, apparent
 to be cured

For non convulsions ^{of the part} & occasionally
 hysteria. Epilepsy sometimes
 curative

Paralysis - one of the most valuable
 remedies with iron, arsenic, &c.
 Distortion of face for paralysis

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Varicose Schistosom. (curable by extirpation) even at an advanced stage Prof. T. has never known a complete cure by extirpation of *C. canis*, *vulgaris*.

Doxy of abdomen - after the evacuation of water - supposed to be peculiarly appropriate.

Leprosy - (vide Good) be a easily valuable

Leprosis, psoriasis, - arsen. cr. &c. particularly valuable after a very severe disease (vide Good)

Exfoliatio Expyrosis impetigo, herpetic (herpes of bullous & herpetic eruptions of anthers) always curable by arsenic if repeated preserved in a weak solution.

Expyrosis n.p. lichen. (salt skin), atrophy hands: Good by a weak ointment. B. medicina will not cure. the applied only when the disease is so violent

(in a sort of paroxysm), that the phys
- sent for they then require.
The arsenic should be applied
about 8 grs arsenic &c. to 1 oz simple
oint. to cover with. first
finely pulverizing the arsenic &
mixing it with about a drachm at
first & then cover to make the mix-
ture homogeneous (N. B. not a glass
but a Wedgewood's mortar) pulverizing
it cannot be effected in a glass mortar
Octr. 18th 1800 galate Poof & has cured
which had resisted all other
remedies - internally
Panthaea venerata - (Vide S. Corp.
Surg. Dict. last an. ed.) - used suc-
cessfully, time immemorial in India
in the syph. now by Sandanap^g giving
of enough. Dr McBrady & Dr O'Brien
which I have practised at the South, con-
sidered alcohol infallible. The people
thereby get down a gallon of spirit
in 24 hours. Celery surely was given
with piperata for Coronated snake.

pill is Rx. verdens acid 10. or 12 gr.
 vello navi of another - seed of
 c. of a lignin like quicksilver,
 like - in equal quantities - each
 pill to contain 6. grains - each pill
 will contain 1 gr. - to a tea-spoon full
 of Foul. solnt. and 2 or even
 more pills ~~are~~ are so easily given
 Case of Mr. Ireland pat. uses
 2 bl in 60 min. - fl. 3 $\frac{1}{2}$ Foul. min.
 20. sc. at once. (Dr. Hubbard's case
 repeated once ~~every~~ ^{every} half hour - until
 an ounce of Foul. sol. or 2 grs. of
 resin. had been given. Foul. after
 this, used in the same manner.

Cinchona

was introduced into Eng. in 1640

Constance saw the plant first in 1737.

Miner's bark - all of Spec. offic. (which is
C. Canadensis & *spinosiss.*) *C. Constance*
 is believed to be the original 'Bark' near Texa
 a shrub 14 ft. high. There are now made
 8 distinct genera 1st *C. chin.* 2nd *Pyracantha*
Crotonina &c. All the species are bitter
 and tonic - but none are nearly so balsy and
 aromatic as the those with hairy & woolly stems.
Decandollea gives 16 species of which a
Pyracantha has but a single species in S. Am.

Next Order. *Cinchonaceae*

Three species are made offic. in Brit. plan.
 1st *Cinch. cordif.* supposed to produce yellow -
 - but it is found not to do so - it
 Yellow-bark has odour aromatic &c. - internally
 of a yellowish cinchona - the particular species
 a product of 2nd known contains 1st kind of
 a little ^{1/2} drachm of cinchona - 2nd kind
 of quinine, 2nd cinchona (a little), 3rd a yellow
 odour, aromatic - 4th a yellow colouring matter
 & a red covering matter 6th summa of cal-
 cia 7th extractum - 8th resin

Cinnamomea lancifolia - affords the pale
 bark thought by some to be identical with
 C. Canadarum or a variety - less bit-
 ter than the former - varies in colour
 & smell, C. Canadarum containing
 a sort of resin with a little bark &
 of quinine - with others an important portion
 of Cinn. oblongif. supposed to afford the
 red bark - but found not to - producing
 an inferior bark - odour & taste same -
 bark of bark - bark on a tree - bark
 & barks of quinine & bark of cin-
 namomea in about equal quantities
 - said, (too bluish) twice as much of one
 & 3 times as much of other. The true
 species of which produces red bark is not
 known. The barks of all the spe-
 cies, are collected & dried in dry
 air afterwards sorted according to colour
 - probably it is impossible to assign the
 true species.

Quinine, a white alkaline
 substance soluble in 7000 parts water - decom-
 posed at about 120° ^{water} temperature of boiling.

all sol. in eth. of benz. 134
Nacl. & carb. not ox & dyd.

Guiniee is a white flocculent alkali
soluble in water very soluble
in alcohol - taste sweet & not
bitter, less soluble in water very soluble
in hydrocarbon & this not just a

First brought to notice in 1825 by Bellot
& Caneau

Guiniee acid is found only in bark
is not medicinal

Minerat of guiniee is very soluble in
water but less soluble in alcohol

Minerat of carbon is good soluble in water
& is more astringent (if it ^{be} dyed) of gum & as
strong & astringent as all these salts from the
inner portion of bark. not more than $\frac{1}{2}$
of the whole bark or the dry bark are used

Guiniee found a extract of the guiniee
bark & from this

if B. more of it dyed a c. has a strong at-
traction for base, and mineral acids &
generally sulph a c. has the strongest at-
traction - hence very soluble sul. a c.

will dissolve out all the quinic
acid in solution & we have a liquid solu-
tion of sulph. quin. & cit. ac. Ammonia
will ~~not~~ take away the acid^{**} - the
neutral in alc. of various impurities
will be left - then distill off the alc.
till the liq. is anhyd. - then cold dis-
tilled water will precipitate the alkali -
repeat the process for purification -
if necessary

The tannin is not in quantity
to act medicinally - but will destroy
bact. and. or excret. iron or gelatin
hence too an infus. of nest gall is a
test for distinguishing active from inert
barks, by finding a precip. of gallate of
tannin. Much nest bark is sold -
a pt. took nest bark for 12 weeks -
then was good cured by good bark - you
cannot tell by the taste.

All the best bark is now used by the
manufacturers of sulph. quin. & it
nest bark is pushed out of the market
** and decent off the Dugald sulph. amm.
- or use magnesia in the same way

But we should never use the crude bark. It is better in no respect whatever. And
q. Sulph. gen. is ~~now~~ cheaper. Correct-
ent practitioners know little about the matter
in having of other ideas, for one disease
is the same. A. B. Some practitioners
conjoin balsameric acid with bark. or better
destroy. It former the former does not
a. st. latter. Tannin of any kind may
a. effect, most it is stated that 1 fl. oz
of a 100. cinch. ^(3/4 to 1 pt. water) needles or root is best, and to
- segnally a pint would do no harm. ^{last. an.}
- bark, and in comp. with
the salts of iron.

Food is generally required with bark
- but bark with animal jelly well from
the iron in the stomach.

The ate of quinine & cinchonine is suppo-
sed to be nearly inert. This is what an
a. in phys. rendered bark palatable by
- trials! - It mixture was pleasant but
too efficient.

The proportion of acid & base in sulph.
gen. & cinch. are not well known.

Adding a little sulph. acid renders
the quin. more soluble - forming
a salt with more acid. A. V. if it reaction
becomes acidulous, add a little more
sulph. quin. Prof. T has always
found acidulous sulph. quin. more instead
of less noxious. Cases related

Phosphate of quin. is said to be
better than sulph. quin. - said to en-
hance the powers of phosphorus, - doubt-
ful. Should be attended to.

Some think it ~~is~~ ^{will} better - others
it worse. - probably little if
any difference - much less soluble
- very liable to precipitate when it
is over soldered.

For trunks oxalate ~~will~~ ^{do} good
in bl. in cold water. The isolated bases (quin-
ine, cinchonine) are ~~less~~ soluble than the sulphates - or are ~~insoluble~~
but they are ~~no~~ ^{as} active - the French to the contrary notwithstanding.

Crude bark is very noxious in
stronger effects, it stomach - &
in tinct. requires too much alcohol
For these and other reasons - always
use the pure. quin. c.

Cinchonine & Quinine are found by Dr Elliott to possess precisely the same powers as their salts

Montanamine has been extracted from C. & R. or C. - equal to quinine & cinchonine in activity

C. & R. however is not a pure compound but a complex mixture of alkaloids - the alkaloids are not dependent on each other

The only medicinal operation of the species of Cinchona are the same in kind of action as those of the bark of not in degree. They are all pernicious & strongly tonic ~~without~~ ^{with} being with a moderate degree of astringent power

Quinine & Cinchonine are not astringent
Caventou & Dr. Strode M. D. was never susceptible yet he has of pernicious ^{in large quantities however - 30-60 grs a day} nerves & pulse also from cinchona & other fevers, experience this effect. Dr. Woodward always experiences a tertial.

The 4 ones of the cinchona bark is felt in the circulatory system before it affects the organic organs. See my own name

the arbutus bark a sufficient
proportion can be taken gradually & a
short time an a die however, it
will be a powerful, & actual, diarrhoea.

It is inferior to many articles for the
fever & digestion. It may require
several days to affect the appetite.

Called storachic Carea febrifuga
by which is meant that it is appro-
priate for a violent & violent a stu-
pefactive i.e. stimulant or tonic.

The yelin bark is an inferior bark
it is said in Peru. The thick red
bark need not, more

Bark produces no convenient
sheet but masses of diarrhoea in
large quantities.

Dr. Ch. Wood said the only
unpleasant effects from the largest quan-
tities of sulphuric gum are a sense
of uneasiness with short & violent
sweats which however he relieves
by presents, by always giving a full
feast (made ~~pre~~ ^{pre}pared ~~pre~~ ^{pre}pared) &

(Blonde)
A Frenchman is said to have noticed
a short continued deafness, produced by
a large quantity of sal. gem. Probably
this is but a symptom of the disease
for the effect of the medicine

Dr. Ellwood cured nearly 900 cases
of fever with sal. gem - 5 16 gr. doses
supposed that it was adapted to
arthritic fevers. He meant irritative
Tonic confusion exists about the use
of broken ^{acids} shells also - Now not
in cases of acute rheum also at the
present day are alone and many
of our practitioners give quinine & balsam
or sal. gem & rective heat, dryness
of skin &c. Some other up to date
barks, adapted to phlegmatic fever
this is fastid balsal not bark
& containing tonic. It is not the fashion
now to do so. But Sydenham
Horton & others denied this

No foundation for the notion that
the arth. may occur later in the
system - or its effects accumulate

upon it system. Arsenic, however, instead of accumulating in it system produce a slight set of changes which go on increasing.

Prof. T. does not believe that disease is ever produced by cinchona - after health is restored no effect will be produced. Dr. Lee is of the same opinion. He has known it taken for a year or more with benefit. Heberden knew it taken for 12 years with advantage etc.

Carissima is all aromatic - contraindicated in enteric diseases.

Pharmaceutical preparations
2 pts of quin. sci. ch. are sol. in wat.
& mact. in alc. Quina. & Cinch. by themselves
are sol. in alc. & in sol. of alc. water
let it stand alone in all the books
that alc. is the best menstruum - this
can hardly be true (Probably this mis-
take has arisen from the utility of the
of the tinct. in violent effects).

Prfess. ; letter the Decoction
Boiling alr or doses it propels
of Carolina - Macerates in cold
water extract, & little Yes it
then acc. direct to boil 15 to 30
min. & over boil 1 - also ta
minate Poult. with bark, but
it powder'd bark then 2 lbs & scalding
hot to or $\frac{3}{4}$ of an hour the best if
about a 2 in. This gives a decoct.

1 Troy oz. sub. also a pint of water
make the infusio in the same way
do not boil up ~~for~~ at the end
1 Troy oz. (~~and~~ 1 oz. of Aroid poison will
not be enough) saturates 1 pint of proof
spirit

It is not worth while to give in any
form but enemas in tertian illness
- in any form but enemas in con
tinuous fevers, & it will be thrown off
presently.

Thereby applic. 1 $\frac{1}{2}$ to 2 lbs of this
in the most important medicines
In all cases and in complicated cases

of quart. quart. or duplex. types
that salt may be considered a ful-
lible remedy. If crotive purge over-
- in calomel (the best agent)

Check diarrhoea with opium.

If stomach is full, cover it with some
lime, copper. or trumpet min. - or
large with calomel. Perhaps in
no disease are enemas & cathartics
abused as in this - It is a
routine - Sometimes the disease
is thus brought back - There is given in
a natural state of the bowels, no fur-
or the tongue &c. Ralph quin. and
are equally admissible in the cold
but under the sweating stage, &
in the apoplexia. Many de-
ny this, and yet give large quan-
tities just before the paroxysm - even
min. before! but it does
not operate all at once - but
gradually. Generally Prof. T.
does not interrupt a paroxysm
when he is first called to a patient,

however he gave a large dose of quinine to cut short the cold stage & bring on the hot, now it has to bring on the sweating stage immediately

Snuff pro

3 grs to 3/4 is the appropriate dose, once a ² to 6 hours

Quinine & Quind. require the same quantity of their salts

It is the most effectual quantity with which Prof. T. has ever cured a case - more would have been better

Prof. T. has known 16 grs. once in 2 days necessary to subdue the paroxysms & writes in the Chilean Journal of large experience in intermittent fevers down to 6 grs. once in 2 hours & the common dose for all cases

Case of a phys. who was most surprised to meet Dr. Markt ~~and~~ doubt it a writer of practical intermit. - he took him to see such a case in the hot stage & Stock gave 2 or 3 grains of quinine

& cut shot the person in 30 minutes
He gave sub. gum. of the foot. had no
not another paroxysm.

and a d. sufficient use of
sub. gum. will ever aggravate the
disease - first or with opium.

Dr. Almroth has repeatedly been called
in clandestinely to cut an incision -
cut shot at once which had con-
tinued under an able phys. 6 weeks!

Time of continuance is variable
Do not suspend it ready immediately after
the cessation of the paroxysm especially
if the sub. is in a very unusual state.

Perhaps a drain should be considered
the minimum quantity to prevent a relapse

Under the treatment here record not
not more than one paroxysm (not even
a single paroxysm) after the physician, called
it should be less than 10 days in
these vaccinated cases.

Mode of administration.

Sub. gum given at a syringe
either in solution in water or if you want

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the most possible bark added a little
soy. acid powder and turn down and all
without glue, it becomes like a test
(the combination of salt, lime & bitter is
often used to test)

It is diffused in water or in a glass of water
or diffused in a syrup of sugar - or in
lime when it abstracts with a little powdered
salt & gentian - pills made before
hand get to be too hard & are to be re-
flected

When it stops, it is liable to an attack
of indigestion - and capricious & the best
(This is a very stimulating but not irritating or
irritating & it does not on the same, give b
increasing susceptibility to other remedies)

Powder of bark also will cure
most intermissions. It may be given
at any period of any stage. Though it is
very liable to be rejected during the paroxysm
especially during the first stage. Then this
bark in substance cannot be given in
suffi. quantity, with a view to be able
to reflect a cure. Give about $\frac{2}{3}$ to $\frac{3}{4}$

2 to 3 weeks a day. Give it diffused in some liquor.

This I think will do better than the decoction. The bark is very irritab. pills may be given of alcohol extract given in small doses.

Infus. & decoct. are to take for a bronchit. Tinct. requires too much alcohol. Tinct. of bark has cured but then it was by the alcohol not by the bark. Gaff. & earth tinct. and roots have cured.

Those who do not live in an enlightened country, are apt to suppose that there are many cases in which sulph. quin. is made use of. Prof. T. does not believe so. He has seen many such cases and thinks they were all cured by judicious management. Some of them physician suppose cal. & op. is curative in many such cases - they talk much of it. But it is ago it was settled that cal. & op. ~~are~~ not curative.

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but mostly preparatory (vide Good) for a general opinion to be given. The stocks of bark may be handled or stored two or three years. Properly prepared, but did not do in the disease.

Physicians have more prejudice against quinine than against any other article, unless it be opium or alcohol. It is the Persian physician who teaches that it is safe to give large doses of quinine.

It is supposed that in the U. S. of the South don't tolerate quinine so well. On the contrary, much more quinine is required - because the disease is more intense. The practical physicians use it too inefficiently. Dr. Mac Brada stated it to be wholly true.

Sometimes the disease will be accompanied with mortid secretions in large quantities, and hence quinine is often found to be inadmissible. On the contrary, give (after purging with cal.) quinine to cure this, and depends on

the endemic influenza.

Long time, the disease is so irritat. that 2 grs. of quin. will not stay on the stomach and hence it is thought to be inadmissible. Give 10 grs. & at once, to cover the irritat. as it is produced by endemic influenza. Case of a woman who had long taken Sulph. quin. in small doses with this effect - certificate from physician that Sulph. quin. disagreed with her - She was immediately by pills of Cor & gen. Sulph. quin. made up with Ol. Capricorn. Numerous such cases used to come down the canal to Rochester & be cured by T. S. M. at Albany.

But in town it is often concealed or disguised

1st It is typh. accompanied with diarrhea which is watery, explosive though not the disease. Case these by quinine and opium. They are cured by a deadly

as it often if necessary we may
enjoin use of Tartar & a laxative
(as aperient for diarrhea) so long as

2nd Enteritis complicated with
Cholera - common with rigor &
an urgent paroxysm. won't tolerate
it in the sweating stage and so
entombed, dur a few days - expect
indication of the nature of the disease
Gives up with paroxysm & commu-
nicate appearance

3^d Enter. complicated with app-
etition - physician will see him, and
pose they'll not wait and cure it. dys-
enteric first Give no mercury
unless coro. sub. Give quinine &
opium

4th Enteritis complicated with
jaundice - paroxysms by young physician
vomit, diarrhea & skin a deep orange
Give at first opium enough to ~~over~~ the

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the. See & then suspend the
paroxysm. with a man may
follow a fitwards with colour to
show it yellow colour of skin

5. tert. complicated with para-
oxysm also co-oxys (Good)

Change in phren that I quinine may
not be given in ill the paroxysm also
have been cured. Cure with
quinine. Prof. Dr. L. has
written that quinine would cure
paroxysmata the sequel of intermitting.
Dr. Bristol said it was cured in Paris
by 6 or 7 grs. of quinine. 3 or 6 times
in 2 hours - better than by any other
orbile. Prof. Dr. L. has generally used
quinine in conjunction

6. Intermitt. Complex. with del-
irium - a disease more formidable
than dangerous. Cured by quinine
- though perhaps after a slight
admonitiously be used. Quinine does
not cure such cases

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7th Enter into complications with
syncope. Passenger comes on with
syncope. Pat. obliged to sleep in
bed in the interim and
leave by quin.

8th Complex with convulsions, - es-
pecially in children. If called on
a wayfarer give a large dose of da-
tura. Then cover by quilt one,
or as possible. Often you cannot
quilt quin. to children. If on ac-
count of fit, bitter taste. Then give
a sponge & open - perhaps as often
as once in 1-2 hours.

9th Gov. will not. Epilepsy
One of it most probably & alarming
form. The Pat. comes out with-
fit and weakly. At two years
ago such cases were always fatal
Get on a large dose of datura
and if necessary repeat it & fol-

with quinine. Cures by quinine & ~~the~~ ^{the} opopanax.

Complex & Lecteropax opo
conquer as a trifling disease & cata-
lepsy

Complex & Lecteropax equally
unimportant quin. cures

Complex. Lesser Aprophy of
Bullae (not a general
disease) & cures

Dropax Purge
with elaterin & remove the fluid
& the cure by quin. If dropax
remains after the cure give digitalis
to the emerodes, &c.

Disguised Intermittent

1st The emeraria severe cured
as by quin. & to persons in an interm. con-
try by other intermittent. Well known as a dis-
guised Neuralgia (acacia) (vide Mr.
Bullock) cured by quin. & mada

for intermit. Cuse of 40th.
Nov 1st. attack in half of leg -
& this repeatedly for years - which
would be cured by opium - but he
would be sick the next day - it
was round afternoons that Dr. D. was
better

It takes the form of nephralgia
ophthalmalgia. Rheumatalgia &c.

3 Dyspepsia mistaken & treated
wrong.
4th Hypochondriasis - mistaken

5 Typhus (but it will not have
2 persists in 24 hours as true typhus
always does. runs on indefinitely)
Cured by quinine. This has no crisis on the
14th day as typhus has

6th Phthisis - Case of a man from
Rochester who came back to Connec-
ticut to die of phthisis. Prof. T. & I
persecuted - found opium did well
and man is now the user of opium

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Mr. pat. had a regular attack of
intermittents Dr. Dr. then cured
him by arsenic (as he was so afraid of
being poisoned that he would take arsenic
by ~~and~~ ^{it} anything) given clandestinely
Case cured by Dr. Toda of a young
lady who had come to Hertf. to die. #
Remember - not to be so afraid of
things upon th. subject

Story of a young physician in
N. York who detected an intermitent con-
t. febrile hectic & got into practice

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[For Savage's copy of Slocott's notes
to be inserted by the blank space
which occurs in the article *Actaea*]

"A tonic acute rheumatism, - The
more acute the disease the more success-
ful has Prof. - been with actaea - more
successful while the febrile aff. is strong
than - and the ^{hemorrhagic} effect less
tendency to wander. When called,
ascertain of the patient's costume, if so
give a dose of calomel over night &
opium sufficient to allay pain - give
the opium first & if it takes a good
deal to allay the pain, why give more -
Keep by the calomel (12, 15, 20 or 30 grs
according to susceptibility & other cir-
cumstances, not less than 12 nor
more than 18 hours - give cal. suf-
ficient a free evacuation. After
this come inceps actaea & opium
at regular & short intervals - say
13 grs. of tract act. every 3 hours as a
general rule, some requiring more
& some less. The rest of the quantity
is the effect on the brain. Let the

can be made less affected but not so as to produce a real sense of narcosis. It is necessary in some cases to affect the bone more than others. In some the disease yields before the bone is all affected, in others Prof. St. has been obliged to produce a temporary narcosis. Opium must be given in conjunction in quantities sufficient to meet the symptoms & keep them under. 1 gr. or more every 3 hours may be required.

If the St. has been tampered with, pricking with salts &c. the cal. will not be needed; we may enter at once upon the use of fractaea - so too if the bone

When the disease is fixed upon a particular part or a joint, topical application will do good. Vaccina is not so successful though it is useful.

Under this use of actaea all the t-
mperfection, redness, soreness & pain of
the acute form disappears, often in
12 hours sometimes not altogether
till 2 or 36 hours - the constit.
feb. affect. disappears at the same
time or by far the greatest proportion
of cases - though in some ~~that~~
the fever goes on to the next critical
period ~~the~~ ^{very} ~~actaea~~ shd be continued
in diminished doses to prevent a
recurrence. Opium alone will
sometimes answer but it is better to
combine it with a reduced quan-
tity of the aconitum. The patient
is not perfectly well after the
resolution, he is weak, febbly, low-
-minded & a little exposure or over-
exertion will bring on the des. again
unless the medicine is continued.
Prof. T. has failed with actaea in
only two cases of genuine acute
affection of the shewerian - and then
the patient could not be induced

to take the remedy longer than
while present relief was afforded
which was effected in most cases.

The word of Webster's ¹⁸³⁰ writes
(1830) that he has used actaea subacuta
bene also (meaning that form which I call
a true acute) in catarrhal phthisis
in catarrhal cough & in neuralgia. He
considers it one of the most valuable de-
obstetrics, concerning the powers of
digitalis, sanguinaria & colchicum.

I hardly ever saw it do much
good till symptoms of narcosis were pro-
duced. The following are the effects
of a moderate quantity - vertigo, head-
ache impaired vision, dilated pu-
pils, epigastric uneasiness, dis-
order of frequency of beat in heart &
arteries (but it was irritative frequency of
pulse) Dr Woodward has seen de-
cided effect from 15 grs of tinct
repeated every 6 hours, & from
teaspoonful doses, violent narcotic
effects & hyperesthesia (the last ef-

fect I never saw & am inclined to think it accidental or produced by something else) - this was followed by a rapid subsidence of the rheumatic affection. Dr W. says he has always found it most beneficial in doses of 25 to 50 drops. He has found it very useful to allay cough & also arterial irritation. In two cases of atomic acute rheumatism following Roseola, one was treated with acet. of the other with Colchicum both were speedily cured.

Dr Beer, has also used it successfully in the same kind of case, - Dr Woodward thinks it more manageable & successful in inflammations of an atomic & acute form, than any other article. Dr Tully thinks so too. Dr W. says, a popular article in his neighbourhood is Wright's cough drops, which he thinks is a sort of spirit tincture of acetea.

In acute rheumatism

actaea is useful. In, even when
reaction, which is always subacute its
effect is speedy & effectual a cure
is in the acute, but we must conjoin
opium & follow with tonics.

Another, rheumatalgia such as
is unattended with redness swelling &c.
& some rheumatic (popularly so called)
characterized by pain, especially on
motion, without swelling & with no fe-
brile disease, essentially, though there
are often febrile paroxysms. Some
of these cases are acute, the attack
is sudden, the dis. of short duration
& confined to fixed periods. These are
especially benefited by actaea. The
other species is subacute (often met with
in boys who live or swim too long in
the water) I formerly failed, but
think I should succeed now.

In the perfect chronic form of "chronic
rheum." occurring in old men & con-
tinuing year after year - joints almost
paralytic & not much is - expected

from a tree - though the exacerbations may be palliated - A cure will not be effected.

Arthritic, neuralgia - neuralgic disease.

(Fothergill's Sciatica). The first symptom of an overdose is felt in the sciatic nerve & though this is the peculiar effect of the article, yet it will cure this neuralgic affection. Arsenic, opium & actaea will cure ~~sciatica~~ ^{Sciatica} specifically & effectually. I give the arsenic in sufficient doses, - giving a pill of arsenic acid $\frac{1}{4}$ gr. ~~with~~ ^{lett} Sulph. & oopf $\frac{1}{4}$ j. every three hours, with the actaea. For stones, I give a cathartic of calomel previously. It yields to this course

Burner's or Sporozoic Sow-Cox - in extreme exanthem - supervening after severe hemorrhage, are often perfectly resolved by actaea. The pathology & localization of this disease are disputed. It seems to affect all parts of the limb except the bone. The lymphatic vessels are supposed to be its peculiar seat. They are more steadily ~~affected~~ but the dos. depends on the specific na-

ture of the affection not on the part more
There are different varieties of it & the treatment
must vary accordingly.
In the belated cases, the disease is
more violent & can not be cured without
calor &c. It produces irritation, redness & the
pulse is & apprehensible & general symptoms, or perhaps
it is merely a dry & very delicate fever
without galore, & in these are required to
the one & the article, & it should always be
well indicated. 13. In a few days the
coughing &c. he does not feel - the malaise
is removed & the digestive organs & the bowels
are regular. In the first cases, calor & sweat &
the more irritative the cases, the better is the
action of the irritant. & this there are many

acacea Ophthalmitis - ~~there are several~~ there are several species, Asperdig - for the specific sort, of in. At C. Conjunctiva, there are 3 varieties. 1. concreta or 2. purulent (of infants,) 3. epidemic or Egyptian. Perhaps there is also another in a chronic form with spongy granulation or it is a subspecies of the epidemic, & this is perhaps a degree of the first variety. In the concreta which is a there is often Stasis. In this acacea is discovered but one great power & it is not often used. Dr. Noble of Albany gave this or aspirin all day long till severe headache, a headache at night. He left stopped it a little & returned it next day. Nothing else would & the cure was effected in 2 days. After the aspirin was of gum freely & asperdig at night the best. The most acute & severe to the case is the epidemic & cure. If a cont. of cal. is indicated it had better be a laudanum. Narcotics are not so unuseable in fact, they cannot communicate the fever but the cont. course would be curative & the purulent ophthalmitis in & we must follow aspirin & topical applications. In Egyptian ophthalmitis. I have great confidence in actaea & Concreta Asperdig of the Concreta nit. Asperdig however is conjunctive. Dr. Noble has used it in this way & have since him others use it. You have also an infl. of the sclerotic cat. It is never acute. The inflammations above are not but are all specific in character. All the cases

1655 What I have seen of a fl. of the sclerotic are slender
or worthless. I do not believe in Cooper's doctrine,
& I think his cases are not true a fl. of the sclerotic.
Dr. Knight & Wood's of VT agree with me. In this
a fl. of the sclerotic is stated to really succeed
perfectly and so it does it pain utterly. I can
not determine in all the cases.

Porphyria hereditaria & manica & think the latter
of the former in the books they proceed on it
in ciples that diet enough to cure it. It is
caused by bad diet & so but should be treated on
several principles. Stimulants & astringents are
required. Use of tea, opium & brandy with
fasciculous diet constitute a proper mode of treat-

Prof. C. M. Jackson Boston 11/11/1871

Be especially careful of your
forearm elevation. The shoulder
should be held perfectly straight. The elbow
which was covered with long hair when
! The large bone under the shoulder, the
shoulder, for many years, is different
between the two shoulders. Before
the upper shoulder is broken, the
under the long hair a beginner could not
be seen about the shoulder im-
mediately take off the road to
the neck.

The upper physician and
the lower physician the long hair
should be held. The upper
should be held below long hair is a
fixing for a point. Dr. Redman
that he will practice long hair
is long hair he could not take the
water off the hands in the

as I feel under no obligation
to pay any amount
more than that. And
you will be more
and for ever

Now I suppose
it is you who have
had to pay money out
into my pocket, so
why do I then say you
haven't helped me? If
you had been there to pay
me out of the money
I have

now I suppose the
charge on the bill is about 20
shillings by your way of it
so I really am only to you
£10.00 - to be less if you
will not pay me - and
you won't feel it. "Farewell

and all somebody I know. and
I know a lot of us. I don't
think you will be able to see
me at a social. They have been
out - but if you do I would be if
it's possible because we are
about the same

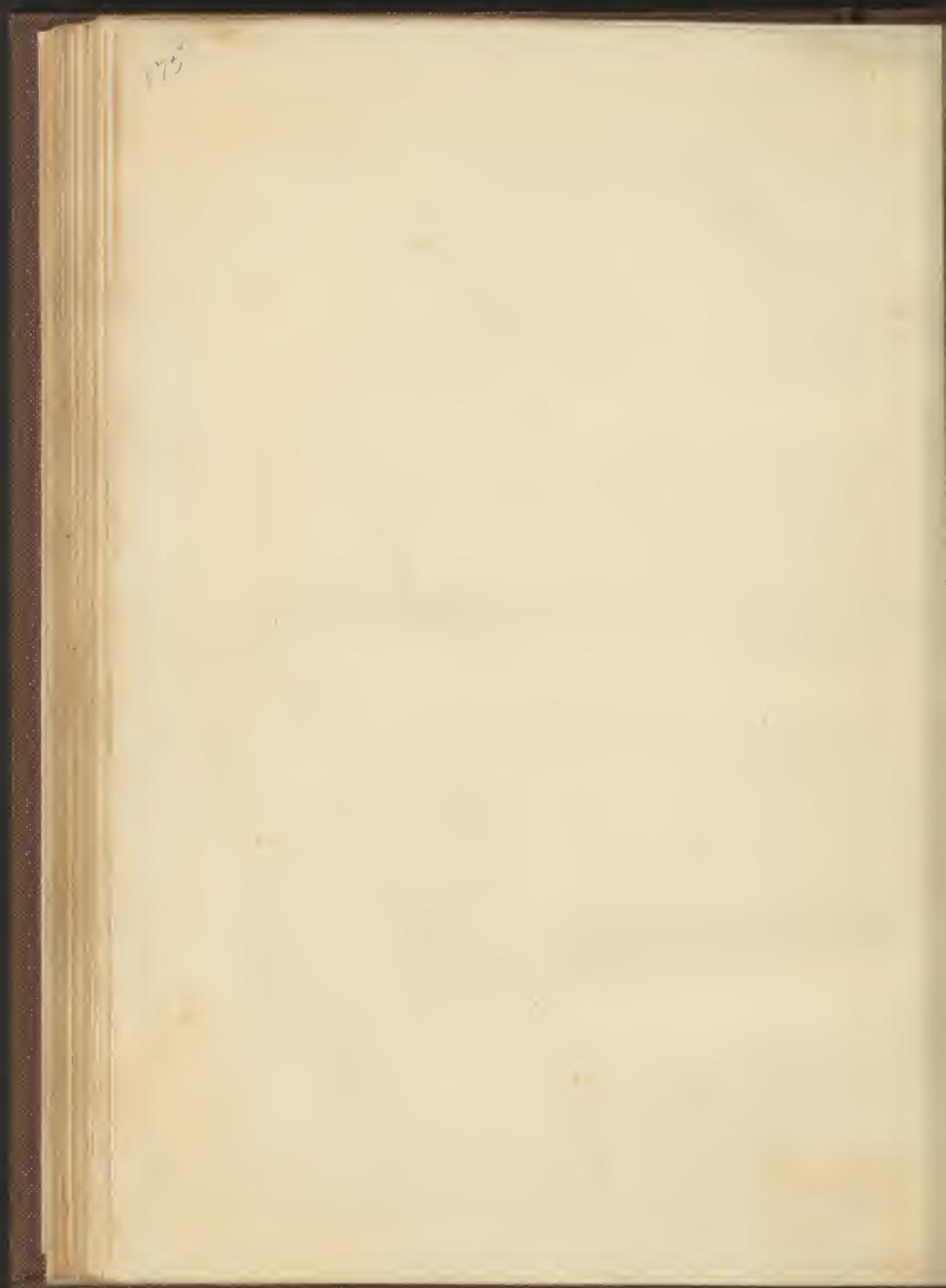
Well they have been
able to play off the last of the
big ones. I don't know if
anything else is going to
happen. They didn't have
an enormous, a huge
body, but would have
had a good deal more
I think

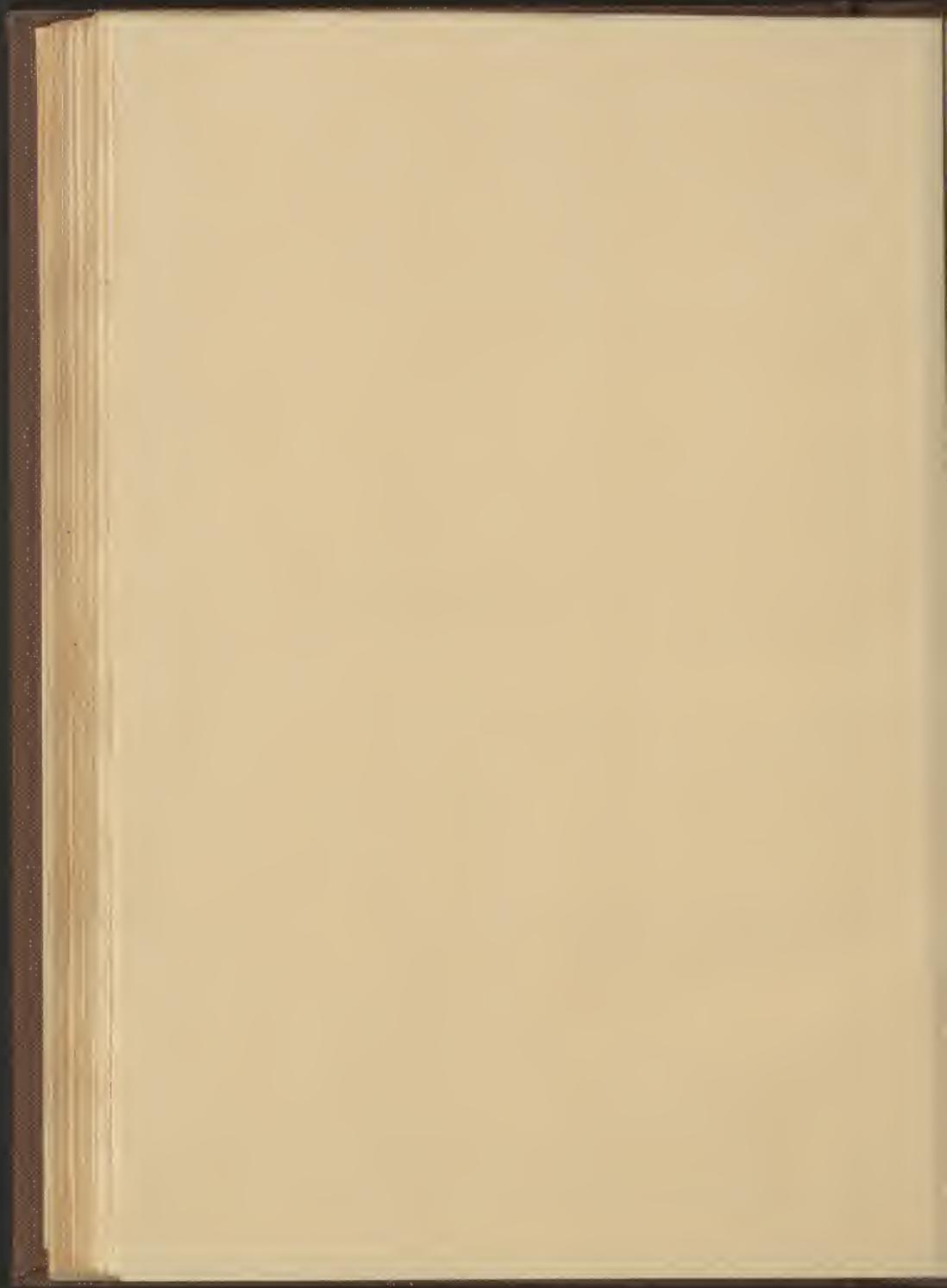
I am going to have to
put out by the 1st of January
formally. like a man to
apply for property - and
then form of the 1st of
September. I want to
have a meeting for that

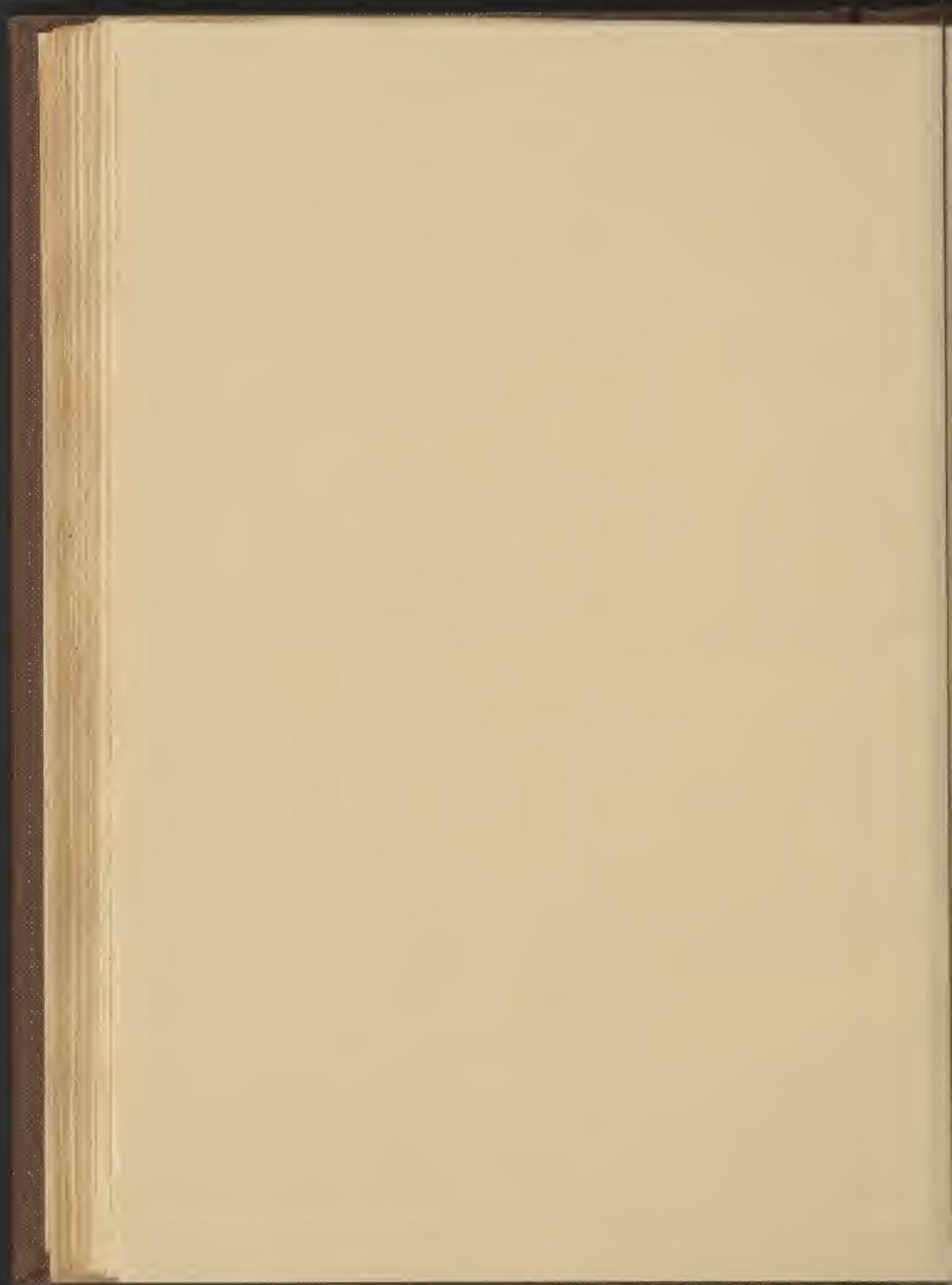
192

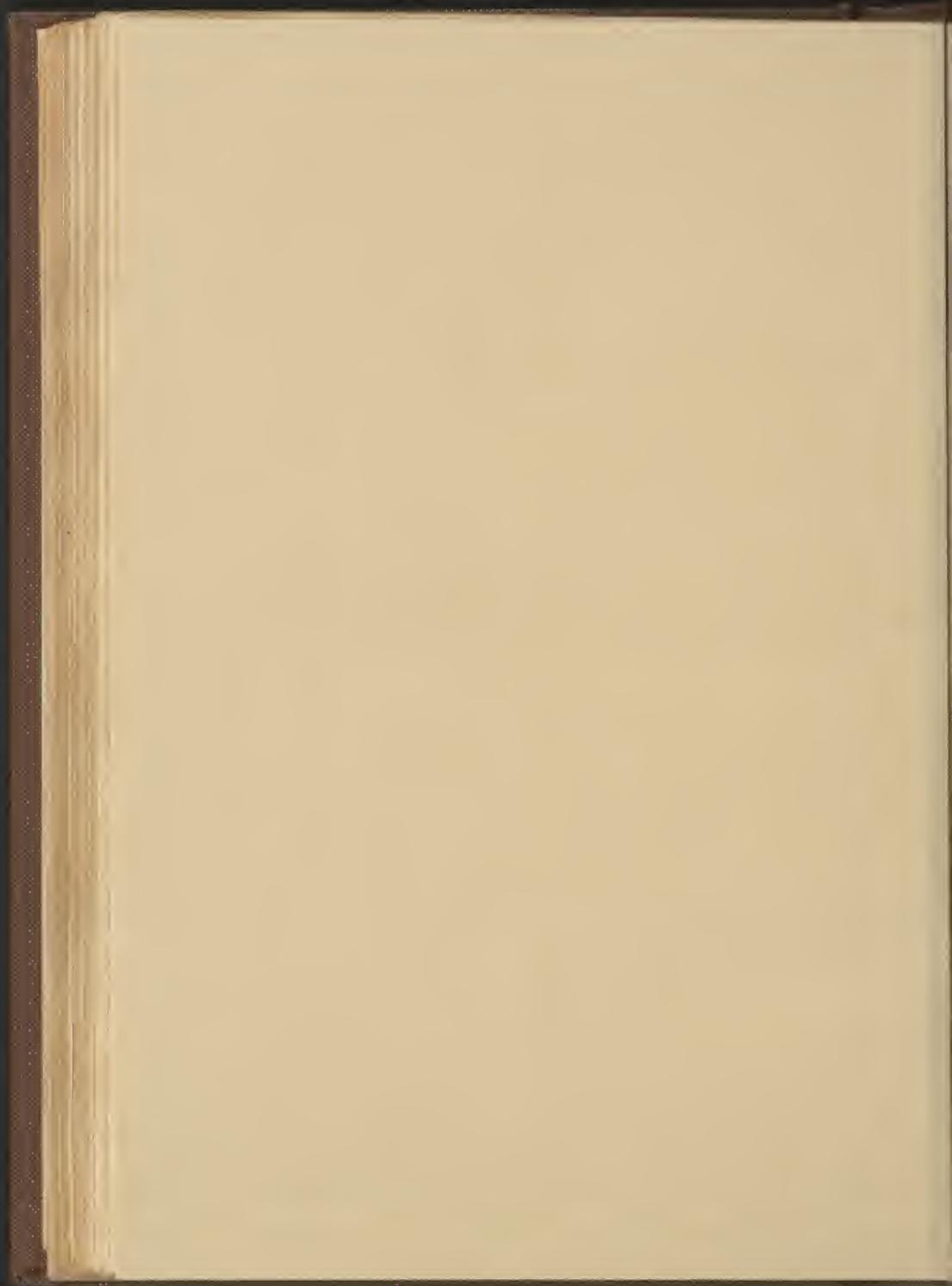
143

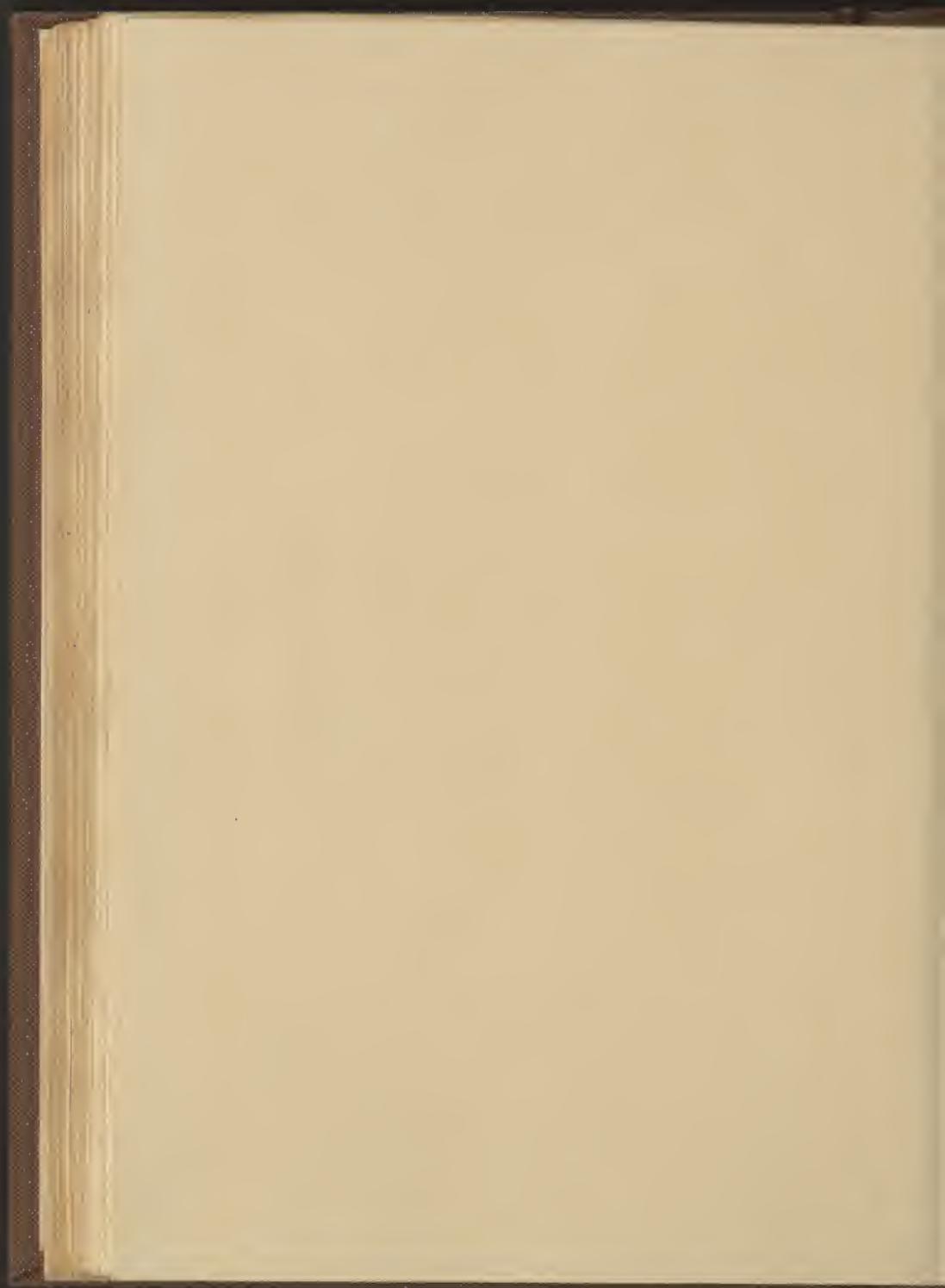
678

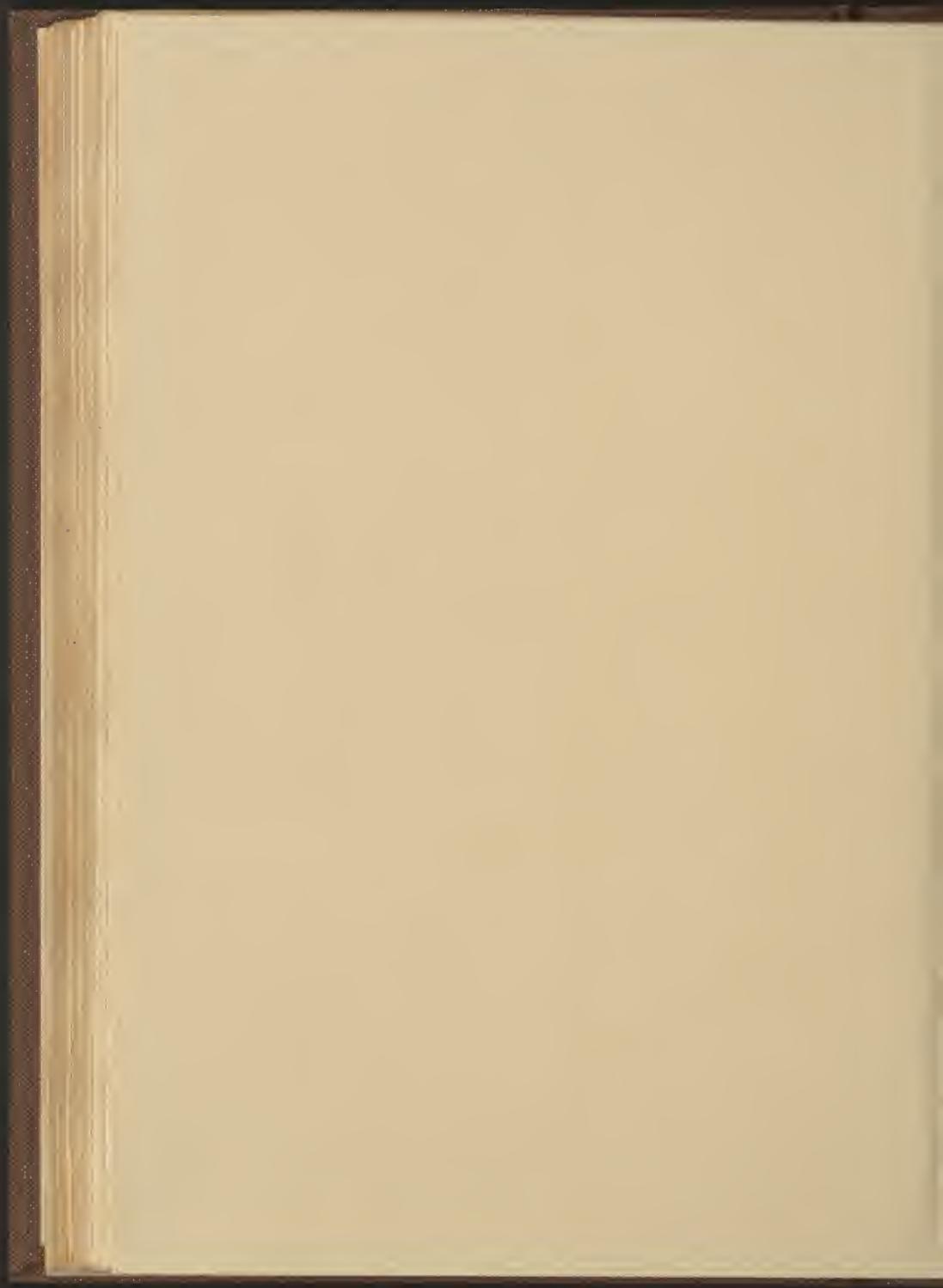












Ives, Tully. Vol. 9.

National Library of Medicine
Bethesda, MD

Condition On Receipt: The half leather and decorated paper binding was extremely dirty, worn, abraded, deteriorated and powdery, particularly at the corners, edges, endcaps and joints. The joints and internal hinges were partially broken. The sewing was loose in places, and several of the pages were detached from the text block. The pages were torn, dirty, discolored, acidic, weak and brittle. The manuscript inks present were acidic and varied in intensity.

Treatment: The volume was collated and disbound. The inks were tested for solubility. The head, tail and pages were dry cleaned and washed and then buffered (deacidified) with magnesium bicarbonate solution. Tears were mended and folds guarded where necessary with Japanese paper and rice starch paste. The volume was sewn on linen tapes with linen thread. Windsor handmade paper ends with a linen hinge were attached. The volume was case bound in full cloth. Title information and lines were stamped in gold foil onto the spine.

